Oil, Paint and Drug Reporter

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Volume 130 JULY 20, 1936 Number 3

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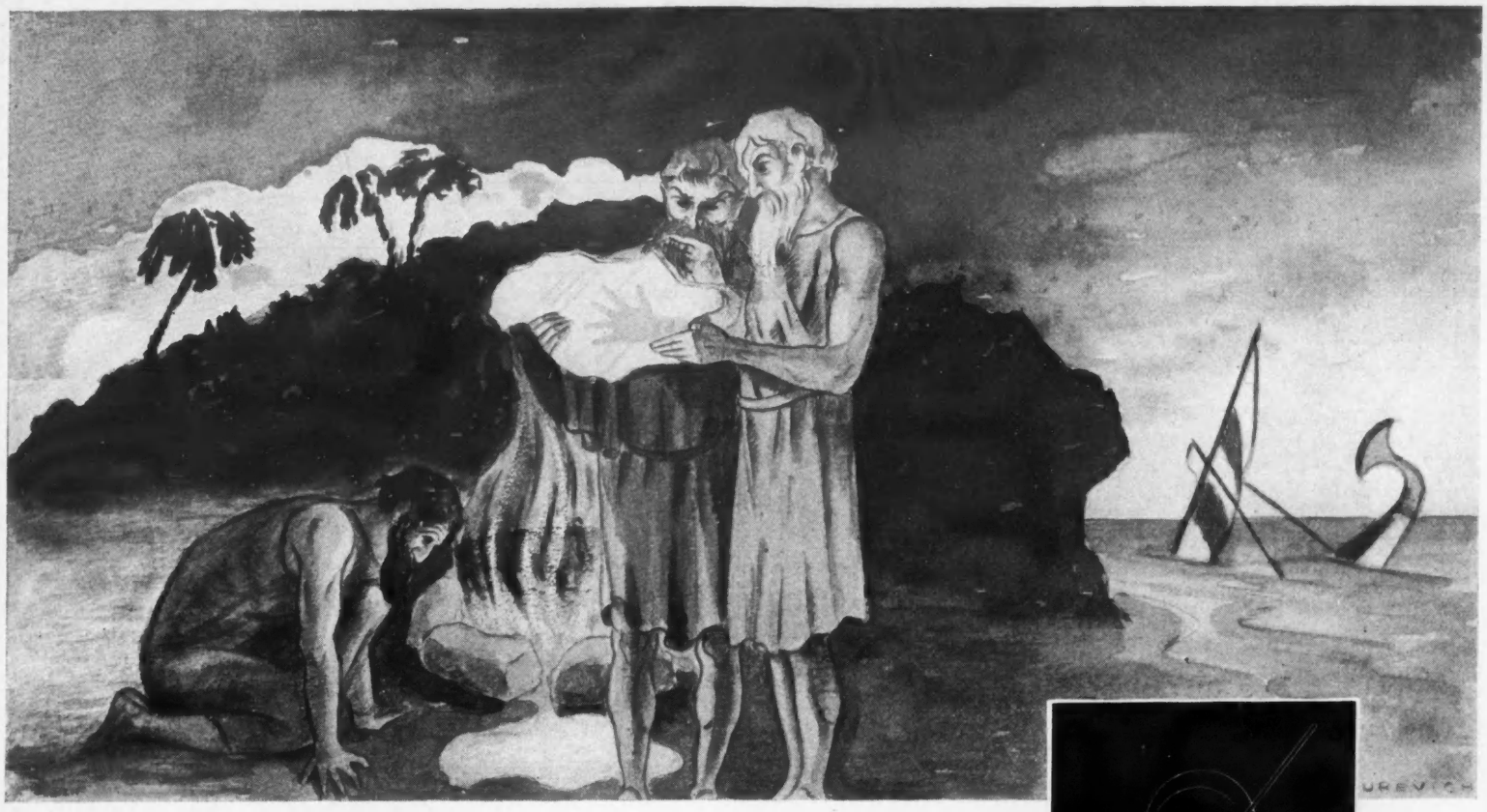

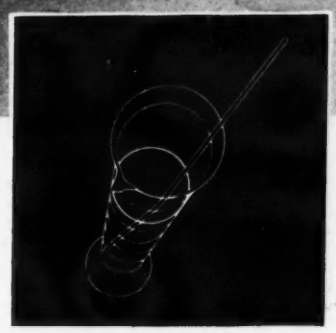

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Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison

Volume 130 JULY 20, 1936 Number 3

RECEIVED JUL 20 1936 LIBRARY THE DRUG CLUB

Duty Benefits Not Calculable

Tariff Board Unable to Tell Senate What Industry Gains

Incomes Afford No Clue

Report in Investigation Consists Largely of Tabulations of Unrelated Data

WASHINGTON, July 15, 1936.

The United States Tariff Commission reported today that it is impossible to find a statistical relationship between protective tariff duties and the net income of specific corporations.

Such information was asked of the commission by a resolution adopted by the Senate in April. The commission, however, did submit a group of tables giving some of the information asked by the resolution. One of these gives internal revenue figures on net sales and statutory net income of groups of manufacturing industries, but reveals no data on individual companies as this would be a violation of the revenue laws. Another table lists manufacturing corporations having a net income of $1,000,000 or more in 1934 as published in various investors' manuals.

The resolution asked for names and gross sales of the largest corporations engaged in manufacturing nine specified protected commodities, including aluminum, chemicals and dyes, cellophane and rayon, and plate glass. The commission listed these data where available from published sources, but in most cases the information was not obtainable and this table reveals nothing new.

No Price-Duty Connection

The bulk of the report consists of a table showing the approximate price in July, 1934, and the existing rate of duty on the principal commodities manufactured by corporations having a net income of $1,000,000 or more engaged in any of the nine specified businesses. However, in this table no attempt is made to connect the price with the duty nor to give any other data relating to price conditions.

In its report the commission makes the following comment:—

Even if the commission had been able to obtain and furnish to the senate the specific information requested, it would not have been possible to use such information as a basis for estimating tariff benefits or economic effects of the tariff upon the public.

Attention is directed to the fact that neither the figures for net incomes nor those for net sales may be used as indicating, or as a basis for measuring, the amount of tariff benefits received by any specific corporation or group of corporations. With respect to figures for net income, this seems obvious, as the amount of tariff benefit certainly cannot be said

(Continued on page 25)

Standard Oil of N. J. Places $13,000,000 Tanker Order

The Standard Oil Company of New Jersey has signed contracts with three American shipyards for building eight oil tankers involving an outlay of $13,000,000. The order was said to be the largest of its kind ever placed by a private concern. Four tankers will be built by the Federal Shipbuilding & Dry Dock Company, Kearny, N. J.; two by the Bethlehem Shipbuilding Corporation, at Sparrows Point, Md.; and two by the Sun Shipbuilding & Dry Dock Company, Chester, Pa. The tankers will be of approximately 13,000 tons each and have a capacity of 105,000 barrels each. Construction will provide about 7,000,000 hours of work for thousands of skilled men.

Alcohol for Industry Taxed in Kentucky

FRANKPORT, July 13.

Attorney-General Beverly M. Vincent, in an opinion prepared by Assistant Attorney-General M. B. Holified, held July 11, that industrial alcohol, except methanol and denatured alcohol, is subject to the consumption tax of $1.04 a gallon, levied on spirituous liquors and to the production tax of 5 cents a gallon. A seller of industrial alcohol must be licensed under the same provision that applies to liquor wholesalers, the attorney-general held.

"The only legal remedy is by legislative action," Mr. Vincent said.

Imports from Germany Given Higher Duties

U. S. Officials Firm in Views On Bounties—Russian Pact Extended

WASHINGTON, July 13, 1936.

In simultaneous but unrelated actions, the U. S. government took steps July 11 to increase trade with Russia and decrease trade with Germany.

The Department of State announced the extension for one year of the executive commercial agreement made with Russia a year ago, under which that country receives the benefits of reductions in American duties made under reciprocal trade agreements and generalized to all countries with which the United States has most-favored-nation treaties.

On the same day the Treasury Department put into effect countervailing duties ordered a month ago against a long list of German exports alleged to be benefiting from export bounties. Imposition of these countervailing duties

(Continued on page 29)

Robinson-Patman Act Rules Outlined for Cosmetic Trade

Counsel for Toilet Goods Association Suggests Procedure in Prices and Allowances —Conference Set for July 23

In line with the desire of the Toilet Goods Association to obey the new Robinson-Patman law against price-discrimination and the purpose of the organization to assist its members in problems presented by this act, Hugo Mock, counsel of the association, has prepared an opinion on compliance with the law's requirements. His report has been submitted to the members of the association for consideration and comment.

The procedure suggested will be discussed further, along with similar suggestions from other associations in the drug and related trades, in a conference to be held in this city July 23. Rules for the guidance of individual manufacturers are expected to be formulated as a result of that conference.

It is also expected that the deliberations will illuminate the possibilities for participation of trade associations in the clarification of the Robinson-Patman act and the furtherance of its practical and effective application.

An affirmative attitude has chiefly been manifested by the drug and related trades with reference to the purpose of the new law. Uniformity of interpretations is sought insofar as the elements of the law are concerned, and it is being endeavored to arrive at an agreement on the basic applications of the letter of the statute.

Mr. Mock's opinion covers comprehensively the problems particular to the cosmetic trade because of the prevalent practices of employing demonstrators and paying push-money. He considers the abolition of "P. M.'s" the most practicable course, and interprets the statutory term, "available," to mean made known.

It is his opinion that demonstrators must be based absolutely on a minimum quota of annual sales, with no discrimination for "preferred stores." He believes, also, that the legal status of a part-time demonstrator is at best doubtful, and that traveling demonstrators may be continued on the present basis.

With reference to other aspects of the act, which have an application to trade in general, Mr. Mock's opinions are as follows:—

Trade Discounts

An attempt should be made by each manufacturer to assemble statistical data on the question of discounts allowed for quantities and the economies or profit to the manufacturer from the sale of stated volumes in comparison with the sale and delivery of lesser volumes of merchandise.

Up to this time quantity discounts have been allotted arbitrarily and not scientifically with a hope that they were fair. A statistical study must be made of the question of quantity discounts to ascertain whether the extra 5 percent or 10 percent for certain quantities are insufficient or too much.

It is clear that the same price must be given to all customers in the same class for the same quantity and quality of merchandise.

Free goods one-tenth of a dozen free and similar allowances are merely another form of price reduction or discount and

(Continued on page 28)

Fertilizer Association Analyzes Patman Act

An analytical digest of the Robinson-Patman amendment to the Clayton act has been prepared for members of the National Fertilizer Association by Charles J. Brand, executive secretary and treasurer, and members of the association's legal staff. Copies of the digest have been distributed to the members of the association and also furnished to the members and staff heads of the Federal Trade Commission.

In conveying the digest to the members of the association Mr. Brand says that the views and opinions expressed therein reflect the best, current judg-

(Continued on page 59)

F.T.C. Issues Patman Act Data

Opinions of Members of Congress and Witnesses At Hearings Conveniently Compiled

WASHINGTON, July 16, 1936.

The Federal Trade Commission today published a compilation of opinions regarding the meaning and application of the Robinson-Patman act amending the price-discrimination provisions of the Clayton antitrust act.

Except for a few interpolations inserted by the Commission the document consists of quotations from the *Congressional Record*, hearings before the committees which framed the bill, and the reports of these committees. All thi. information has been available heretofore, but the commission has gathered it under one cover and arranged it in a way to make it useful to those making a study of the new law. The quotations show how members of Congress and witnesses before committees believed the bill would operate, and these opinions may serve as a guide to distributors in fixing their policies and may possibly be given notice by the courts in interpreting the law.

Except for this compilation, the Federal Trade Commission has made no public announcement regarding the act, although a committee of its legal and economic staffs is studying the statute closely. To date no formal complaint has been issued under the amended Clayton act, and it is generally agreed that a series of test cases will be required to give a full understanding of its operation and scope.

Meanwhile, many trade associations, lawyers, and merchandising specialists have been issuing comments and interpretations of the Robinson-Patman law, some of them widely divergent. A number of large distributors are understood to be making major changes in their merchandising policies in order to avoid any possibility of violating the law pending the clarification of its terms. One of these which attracted considerable attention was the action of the Goodyear Tire & Rubber Company in canceling the contract under which it sold automobile tires to Sears Roebuck & Co. in large quantities at prices much lower than its regular wholesale prices. The Federal Trade Commission recently issued an order under the old Clayton act declaring this to be an illegal price-discrimination, and the Goodyear company is still contesting this order in the courts.

The National Cooperative Council reports that the Food and Grocery Chain Stores of America has pledges from groups comprising 22,000 retail outlets, that objectionable trade practices will be eliminated. These voluntary reforms are said to include the ruling out of brokerage payments to buyers, unearned advertising allowances, unreasonable quantity discounts, and the use of agricultural commodities as "loss leaders."

Creosote Producers in U. K. Form Promotional Company

LONDON, July 10, 1936.

The Creosote Producers Association has been formed as a private company, limited by guarantee, with nominal capital of £100. Directors may be appointed by each of the following companies on becoming a member and while remaining a member of the association:—British Tar Products, Ltd., Dorman Long & Co., Lancashire Tar Distillers, Inc., Midland Tar Distillers, Ltd., Pease & Partners, Ltd., Simon-Carves, Ltd., the Staveley Coal & Iron Co., and Yorkshire Tar Distillers, Ltd.

The objects of the association are "to purchase from members and others, sell, export, import and deal in creosote, creosol, resin or other products obtained by the distillation of coal, wood, oil shales, and crude petroleum, to provide transport facilities and storage accommodation, and to promote the use of creosote and allied products."

Closing Market Developments

London Closing Cable

LONDON July 17, 1936.

Quotations on carnauba wax were 157s 6d per hundredweight. Quicksilver was priced at £11 9s 6d to £11 19s 6d per flask, comparing with £11 12s 6d to £12 2s ruling previously.

Peppermint Oil Strong

Pepperming oil was strong late last week. Total lack of offerings from the middlewest was the rule. Primary market dealers have withdrawn prices and awaited further developments in the crop situation. Had oil been available, business could have been done with primary market dealers at $2.50 per pound; that price was offered the west by factors in this market without producing a single seller at any price. Spot quotations were strong and, to a considerable extent, nominal.

Petroleum Quota Raised

The Bureau of Mines recommends a daily average production of 2,936,900 barrels of crude oil for August, an increase of 19,700 barrels a day over the July average and 281,900 barrels over the August, 1935, recommendation.

Oils and Fats Firm

Business was quieter in some directions late in the week but the general market for oils, fats and greases continued to be characterized by a firm tone. Cottonseed products remained firm in the South with offerings light. Tallow lacked further quotable change but offerings were still small and to some the tendency of the market seemed to be upward. Corn oil quotations were mainly nominal, sellers being disinclined to offer for prompt.

Liquid Ammonia Sales Active

Early bookings of liquid ammoniates are reported to be quite active. As indicated earlier in the week, prices are repeated from last season and are comparatively lower than sulphate of ammonia, cyanamid and cal-nitro.

Corn Derivatives Higher

Prices for the various corn derivatives, including starch, dextrin, syrup and sugar, were advanced 20c. per 100 pounds. The uncertainty relative to obtaining grain supplies caused sellers to quote prices on the basis of prompt shipment only.

Naval Stores Factors Agree to Output Cut

WASHINGTON, July 16, 1936.

The gum naval stores industry is anxious to co-operate fully in the conservation program of the Agricultural Adjustment Administration, it is reported by Jay Ward, naval stores expert of the AAA, who has just returned from a series of meetings with producers in the South.

Under this plan the government proposes to make cash payments to producers for each working face taken out of operation this season up to 25 percent of any producers total. The plan was explained to producers at meetings last week at Valdosta and Savannah, Ga., and Jacksonville and Pensacola, Fla. Naval stores factors are reported to be unanimously in favor of the plan and only three or four producers have so far stated that they will not take part in it. Approximately 80 percent of gum naval stores production was represented at the four meetings, and letters pledging co-operation have been received from principal producers in Texas, North Carolina, and the region around Columbia, S. C.

The program will be operated directly by the U. S. Forest Service through its Atlanta office, with regional offices at Pensacola, Jacksonville, and Savannah. Experienced foresters will check all turpentine operations to see that conditions are being complied with. Producers have until August 10 to sign up under the plan.

Cuban Imports of Lard From U.S. Rise 15%

American hog lard is regaining the ground lost in the Cuban market in recent months, according to a report to the Department of Commerce from the commercial attache at Havana. Cuban imports of lard in May, statistics show, totaled 2,713,671 pounds, compared with 2,120,780 pounds in the preceding month. The May figure was the highest recorded for any month this year, the report states.

Imports of American hog lard into Cuba in the first five months of 1936 aggregated 11,302,263 pounds, against 12,965,254 pounds in the corresponding period in 1935. Local distributors expect a steady advance in this trade and their consensus is that the 1936 volume will exceed that of 1935. This is on the assumption that favorable prices will prevail in the United States as forecast by market reports.

The gradual increase in Cuban consumption of American hog lard is curtailing local sales of mixed and compound lards, according to the report. After September 3, it is pointed out, the American products will further benefit by the removal of the consumption tax and a reduction in the Cuban import duty.

Chemical Prices Turn Downward

Price changes were numerous and somewhat influential in the markets for heavy and fine chemicals last week. There were more advances than declines, but the latter had the greater weight. The volume of business was generally gratifying and held a promise of permanency, unless consuming operations should be unnaturally interrupted. The condition of supplies was not changed, but there was some doubt in coaltar solvents circles of the eventualities of the labor situation in the steel industry.

Prices were advanced on antimony metal, sulphate of ammonia for October-June delivery, glycerin, domestic and imported casein, milk powder, hide glue, Congo copal, domestic and imported dried blood, castor pomace, Japanese sardine scrap, hoof meal, tankage, and imported nitrogenous fertilizer material. Quotations were reduced on citric acid, quicksilver, menthol, citrate of soda, citrate of potash, diamylamine, East Indies copal, and Singapore dammar.

The REPORTER'S composite index number of prices for heavy and fine chemicals receded slightly to 125.1 (compared with August 1, 1914, as 100). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 88.6, against 88.9 at this time last year.

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Foreign Tariff Notes

Information recently published by the Department of Commerce on foreign tariffs and related trade regulations includes the following data:

Cleaning Oil.—Finland has reduced the import duty on cleaning oil from 2 to 1.60 Finnish marks per kilo.

Ferrous Sulphate.—Netherland India has limited imports of ferrous sulphate from all sources during the ten-month period beginning June 20, 1936, to 17,500 kilos, in order to protect local industry.

Gasoline.—Netherlands has increased the special import duty on gasoline from 8 florins to 8.60 florins per 100 kilos, to provide funds to accelerate bridge construction.

Gasoline.—Hungary has re-established the import duty on gasoline which was temporarily suspended. The rates are: gasoline of a specific gravity less than 0.735 down to 0.700, 14 gold crowns per 100 kilos net; specific gravity less than 0.700, 12 gold crowns per 100 kilos net; specific gravity between 0.735 and 0.790, 6.20 gold crowns per 100 kilos.

Gasoline.—Finland has reduced the import duty on gasoline and benzine from 2 to 1.60 Finnish marks per kilo.

Mineral Oils.—Czechoslovakia has increased the lumpsum turnover tax rates on mineral oils and certain petroleum products.

Petroleum.—Ecuador has established a tax of ⅛ of 1 percent ad valorem on exports of crude petroleum.

Pharmaceuticals.—Netherland India is reported considering the establishment of control of sales of pharmaceutical products through compulsory examination by a local government bureau.

Rubber:—French Indo-China has increased the export tax on rubber from 1.00 piaster to 1.50 piaster per 100 kilos; on liquid latex, from 0.40 piaster to 0.60 piaster per 100 kilos, and on concentrated latex from 0.60 piaster to 0.90 piaster per 100 kilos.

Tallow.—Japan now requires for beef tallow shipments into the country certificates of origin in prescribed form and visaed by a Japanese consulate, local customs authority or chamber of commerce.

Japan Moves to Assure Salt Supply for Industry

Industrial consumption of salt in Japan increased from 103,000 metric tons in 1926 to 1,263,000 tons in 1935. As domestic production ranged downward from 614,000 tons in 1926 to 605,000 tons in 1935, and consumption of salt in food averages about 760,000 tons a year, Japan's dependence on foreign supplies has been greatly increased. A purpose of assuring an adequate supply is seen in the nation's recent moves in Manchuria and North China, according to the Institute of Pacific Relations, and steps are being taken to increase the output of salt in territories under Japanese control.

The Manchuria Salt Industry Company has been formed in Manchoukuo, one-fourth of its capital to be subscribed by the local government; the remainder, by Japanese industrial interests. This company will have a monopoly of salt exports and expected to develop an export surplus of 250,000 tons. Production in Kwantung, which supplied 32 percent of the 1935 Japanese imports is also being increased.

In 1935 Japan got 52 percent of its imported salt from North China. Expansion of production in that territory is under consideration, and it is reported that the East Hopei autonomous government, the South Manchuria Railway Company, and the Japan Salt Industry Company are jointly organizing a Hopei affiliate of the Manchuria Salt Industry Company.

Petroleum Freights Approved

WASHINGTON, July 15, 1936.

The Interstate Commerce Commission has authorized the establishment of rates on petroleum and petroleum products from Alton, East St. Louis, Roxana, Wood River, and South Wood River, Ill., to Fort Sheridan, Highland, and Highland Park, Ill., over interstate routes, which are the same as rates in effect on like traffic between these points over intrastate routes. Maintenance of higher rates to intermediate points has also been authorized.

A.S.T.M. Paint Group To Broaden Its Scope

Possibility of Financing Research Fellowship Is Taken Under Counsel

At a meeting held in Atlantic City, during the American Society for Testing Materials' annual meeting, the society's Committee D-1 voted to change its name from Committee D-1 on Preservative Coatings for Structural Materials, to Committee D-1 on Paint, Varnish, Lacquer and Related Products. A definition of scope was adopted, subject to approval by the ASTM executive committee, as follows:—"The scope of Committee D-1 comprises paint, varnish, lacquer and related products, and materials used in the manufacture thereof."

The committee adopted a recommendation calling for the appointment of a committee to undertake the preparation of specifications for specific complete paints and varnishes.

Favorable action was also taken on investigating the possibility of financing a research fellowship for the purpose of engaging in a program that would lead to the correlation of the fundamental physical properties of protective and decorative coatings and service tests.

It was announced at the meeting that the letter ballot vote on recommendations in the committee's 1936 report was favorable. Nine specifications, seven methods of test and one definition were involved in these actions.

The following officers were re-elected for the coming two years:—Chairman, Allen Rogers; vice-chairman, C. D. Holley, and secretary, M. Rea Paul.

Some of the proposed subcommittee activities were reported as follows:—

Proposed development of a new type of apparatus for determining drying time for various oil mixtures.

Continued investigation of accelerated testing methods to determine similarity of results when checked against normal exposure out of doors. Materials under examination are house paints and metal protective paints.

Tests were also carried out with six varnishes on primed steel panels. It was reported that one accelerated testing apparatus gave good but not perfect results; two gave fair results, and the remaining five gave poor results. Kauri reduction tests of the same varnishes gave results almost equal to the best apparatus; photochemical embrittlement tests gave results equal to those obtained on the best apparatus. The complete report, providing full details regarding various machines, paints and relationships between the results and the accelerated cycles employed, was recommended for publication in the A. S. T. M. report of this standing committee.

Work on the hiding power of paints is being continued by one of the sub-groups that is investigating the difference in hiding power attained by a measure of wet paint films as against dry films. Results of past tests have been determined visually and it is now the intention to make a study of photometric methods for measuring the hiding power of paints when examined as dry films. Agreement was reached to re-write the present tentative method of test for comparative hiding power of white pigments (D 406-35T). A change will also be proposed in the existing tentative method of test for comparative hiding power of paints (D 344-32T).

It is expected that the work being carried on by the varnish group will lead to the proposal, during the coming year, of a tentative method for determining the reactivity of varnishes. It is the intention to enlist the interest of large varnish laboratories to a point where they will take part in the work which is being carried on.

A recommendation has been made by this standing committee, for immediate adoption of certain minor changes in the standard methods of sampling and testing turpentine (D 233-33). These involve reduction in size sample to be taken, and the insertion of a paragraph to act as a clarifying statement to correct an error in practice.

(Continued on page 36)

Petroleum Gases Output Increases

Production in 1935 Was 20,428,000 Gallons Above Previous Record of 1934

The marketed production of liquefied petroleum gases in the United States in 1935 reached a total of 76,855,000 gallons, or 20,428,000 gallons more than the 1934 requirements, and compared with 38,931,000 gallons in 1933, according to reports submitted to the United States Bureau of Mines. Demands for the several liquefied gases, included in the report, all showed substantial gains in 1935 over the previous year. Deliveries of propane increased 24.1 percent over the 25,845,000 gallons in 1934, while butane sales showed almost an identical raise, with an increase of 33.4 percent, to a total of 34,084,000 gallons in 1935. The market demand for propane-butane mixtures nearly doubled, increasing to 5,651,000 gallons in 1935. Sales of pentane totaled 2,465,000 gallons in 1935 against 1,922,000 gallons in 1934.

The industrial use of liquefied petroleum gases was outstanding in 1935 when 47,894,000 gallons, or 62.3 percent of all deliveries, fell under this classification, compared with 32,448,000 gallons or 57.5 percent in 1934. The domestic use of liquefied petroleum gases increased from 17,681,000 gallons in 1934 to 21,380,000 gallons in 1935, but the ratio of total deliveries declined from 31.3 percent in 1934 to 27.8 percent in 1935. The quantity used in gas manufacturing increased from 6,298,000 gallons in 1934 to 7,581,000 gallons in 1935.

The growth of sales of liquefied petroleum gases in less than a decade is indicated in the following table:

	Gallons.
1935	76,855,000
1934	56,427,000
1933	38,931,000
1932	34,115,000
1931	28,770,000
1930	18,017,000
1929	9,930,000
1928	4,522,000
1927	1,091,000

The most important present use of propane gas is for domestic purposes, although the requirements in the industrial field are rapidly mounting. In 1935, 18,325,000 gallons of propane, or about 53 percent of the total deliveries, were credited to domestic uses, which compares with 15,236,000 gallons, or 59 percent in 1934. During the same years the industrial use of propane increased from 10,283,000 gallons, or 40 percent of total deliveries in 1934, to 15,628,000 gallons or 45 percent of the total in 1935.

Butane is used principally as an industrial fuel, 27,689,000 gallons out of total deliveries of 34,084,000 gallons, being consumed in 1935 compared with 19,443,000 gallons in 1934 out of a total of 25,553,000 gallons. Sales of butane to gas manufacturing plants declined from 5,064,000 gallons in 1934 to 5,042,000 gallons in 1935, but deliveries for domestic purposes in 1935, although small in volume, registered a 30 percent gain over 1934.

The use of "bottled gas," usually propane, continued to increase in 1935, as householders, campers, and other consumers, cut off from gas-company mains, became even better acquainted with this convenient fuel. Manufacturers used both propane and butane in rapidly increasing quantities in 1935, in the solution of their heat application problems, especially in such processes as annealing, brazing, carburizing, metal cutting, and preheating, where controlled temperatures are important. Liquefied petroleum gases are being used as the raw material in the manufacture of an increasing number of chemical products. Petroleum refiners are finding ever-widening uses for propane and butane and are realizing that these products are too valuable to use as refinery fuel. Propane is used as a solvent and refrigerant in the refining of lubricating oils. The polymerization of butane in the manufacture of high

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Pyrethrum Processors Establish Association

High Standards of Quality and Fair Trading Are Aims Of Organization

Principal producers of pyrethrum products, in a meeting in this city July 10 and 11, completed the formation of a national trade association. The new organization is called the Pyrethrum Association. Its headquarters are in suite 1608, 308 West Washington street, Chicago.

The membership of the new association comprises concerns engaged in the milling, extracting, and other processing of pyrethrum flowers or other botanical insecticides for resale to manufacturers of insecticides.

Officers of the Pyrethrum Association are:—

President, George A. McLoughlin, of the McLoughlin Gormley King Company, Minneapolis.

Vice-president, V. L. Robertson, of the Sherwood Petroleum Company, Brooklyn.

Secretary-manager, R. D. T. Hollowell, 308 West Washington street, Chicago.

Counsel, Robert W. Childs, of Sanders, Childs, Bobb & Westcott, Chicago and Washington.

One of the main objections of the association is co-operative technical research directed toward the establishment and maintenance of high standards of quality by members of the association and the development of the necessary technic by which such quality standards for both raw and finished materials may be accurately determined. The modern pyrethrum industry within the United States, though comparatively young, has had healthy growth through the perfection of the extract process by which the hitherto inconstant toxic principle contained in pyrethrum flowers is stabilized. Much technical effort has been responsible for the high efficiency of these products.

Pyrethrum flowers (*Pyrethrum cinerariaefolium*), the raw material of the pyrethrum industry, are obtained exclusively from foreign sources. Japan currently furnishes from 85 to 90 percent of the total, and Dalmatia, a substantial part of the remainder. The crop volume varies widely from year to year. Crop forecasts have usually been based upon fragmentary information. There was little or no advance warning of the tremendous overproduction of pyrethrum flowers that occurred in 1935. The industry is therefore a peculiarly hazardous one in which to operate.

Pyrethrum processors suffered serious losses because of the many upsets in contractual relations resulting from the severe price declines effected in 1935 and 1936. During that period many trade practices termed by the Federal Trade Commission to be unfair became widespread. Necessarily, such a condition in an unorganized industry resulted in confusion and also, doubtless, in many instances of discrimination between purchasers. In view of the recently enacted Robinson-Patman amendment to the Clayton act, by which both buyer and seller are subject to severe penalties in instances of price-discrimination, the members of the pyrethrum industry are taking steps to avoid trade practices that are condemned by the Federal Trade Commission and to refrain from any practices that might be construed as being discriminatory.

In addition, the Pyrethrum Association, by proper accounting practices and by the approval of sound and fair trading rules, will seek to reduce to the lowest possible minimum the many speculative factors that have hitherto surrounded the industry.

Chemical Containers Shown to Purchasing Agents

A display of recently developed large containers for liquid chemicals, shown in the accompanying illustration, was a feature of the gathering of the Chemical and Allied Products Group of the National Association of Purchasing Agents at this year's annual meeting of the association in New Orleans. The interest in the display was keen, and there was much evidence that developments in containers is a matter to which buyers of these materials are giving close attention.

It is the plan of the chemical group to make a display of containers a feature of their annual gatherings. The members are already looking forward to the new developments along this line that will be presented for their inspection next year.

The display at the New Orleans meeting was representative of the following types of containers:—

1. Containers where the wall of the container is made out of a metal which will resist the attack of liquid contents.

2. Containers which have been lined with an impervious coating so as to protect the walls of the container from the contents.

3. Containers which are furnished with a protective bag or sack.

4. New types of packages.

Howard W. Elkinton, of the Philadelphia Quartz Company, chairman of the Chemical and Allied Products Buyers Group of the National Association of Purchasing Agents, has furnished the following descriptive comments on the display of containers:—

Aluminum Keg

On the righthand side of the illustration the aluminum beer-keg represents a container developed along lines of class 1 and 2 mentioned above. Aluminum as a metal has real advantages in light weight. The keg has been lined so that the contents carried will not suffer from contact with the metal. This package has been on the market for some months.

The aluminum keg, in addition to its initial use for beer, has found a ready market for carrying essential oils and acetic acids. It is made of 53 ST Alcoa alloy, and is offered in 3⅞, 7¾, 15½, and 31-gallon sizes. It may be built in 55-

(Continued on page 25)

Sir Robert Mond Given Messel Chemical Medal

LONDON, July 10.

Sir Robert Mond has just been presented with the Messel Medal at a meeting in Liverpool of the Society of Chemical Industry.

Sir Robert said that he started his business life by taking lunch to his father and then washing his father's test tubes. He worked in different workshops, joineries, and smithies, and he graduated as a locomotive driver during his schooldays. His father's laboratory was in a thatched shed near an old smithy.

F.W.D.A. to Start Convention Aug. 31

The Federal Wholesale Druggists Association will hold its twenty-first annual convention August 31 to September 3 in Minneapolis. Headquarters will be in the Hotel Nicollet.

L. E. Seiberlich, of the Northwestern Drug Company, Minneapolis, president of the association, will act as local secretary in making arrangements for the convention. Hotel reservations may be made through Mr. Seiberlich or direct with the Hotel Nicollet.

The local committee is arranging special reception features for arriving delegates Sunday afternoon, August 30.

WHITE-LEAD —*Lasts!*

"THE more lead the better the paint" is an axiom that the paint trade and public accept without question. So when you step up the white-lead content of your paints you not only step up their durability but their sales appeal as well.

For years the white-lead pigments of National Lead Company have been the standard of comparison. They are known and preferred throughout the paint industry for their high quality and uniformity.

In addition to the white-lead pigments listed at the right, National Lead Company is also a dependable source of supply for lead oxides — red-lead, litharge and orange mineral.

NATIONAL LEAD COMPANY

111 Broadway, New York; 116 Oak Street, Buffalo; 900 West 18th Street, Chicago; 659 Freeman Avenue, Cincinnati; 1213 West Third Street, Cleveland; 722 Chestnut Street, St. Louis; 2240 24th Street, San Francisco; National-Boston Lead Company, 800 Albany Street, Boston; National Lead & Oil Company of Pennsylvania, 316 Fourth Avenue, Pittsburgh; John T. Lewis & Bros. Company, Widener Building, Philadelphia.

DRY WHITE-LEAD
(Dutch or Carter process)

H. T. S.
(High Tinting Strength)
WHITE-LEAD

BASIC LEAD SULPHATE

Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)			
Acetal, dms., works	lb.	.75	1.00
Acetaldehyde, dms., works	lb.	.14	.16
Acetamide, CP, bots., kegs, 1,000 lb. min., works	lb.	.43	—
tech., kegs, 1,000 lb. min., works	lb.	.38	—
Acetanilide, tech., 95%, bbls.	lb.	.24	Nom.
USP, bbls.	lb.	.26	—
Acetin, tech., dms.	lb.	.22	.23
Acetoacetanilide, dms.	lb.	.65	.70
Acetone CP dms, cl., delvd	lb.	.09	—
l.c.l., delvd.	lb.	.09½	—
tanks, delvd	lb.	.08	—
Methyl (see M)			
Acetophenone, bots., cns	lb.	1.25	2.25
Acetphenetidin, kegs	lb.	1.30	1.40
Acid, abietic, bbls., c.l.	lb.	.06¾	—
l.c.l.	lb.	.07	—
Acetic, coml. or redist., 28% bbls.	100 lbs.	2.45	2.70
cbys.	100 lbs.	2.95	3.20
56%, bbls.	100 lbs.	4.60	4.85
cbys.	100 lbs.	5.10	5.35
70%, bbls.	100 lbs.	5.73	5.98
cbys.	100 lbs.	6.23	6.48
80%, bbls.	100 lbs.	6.53	6.78
cbys.	100 lbs.	7.03	7.28
glacial, natl., CP., cbys.	100 lbs.	14.00	—
coml. bbls.	100 lbs.	8.43	8.68
cbys	100 lbs.	8.93	9.18
USP., dms.	100 lbs.	10.50	—
cbys.	100 lbs.	11.00	—
synth., 99.5%, al. dms.	100 lbs.	8.43	8.68
cbys.	100 lbs.	8.93	9.18
USP., reagent, 99.8%, al. dms—	100 lbs.	10.50	—
cbys.	100 lbs.	11.00	—
pure, 30%, bbls.	100 lbs.	3.52	3.77
cbys.	100 lbs.	3.92	4.17
30%, bbls.	100 lbs.	3.95	4.20
cbys.	100 lbs.	4.45	4.70
60%, bbls.	100 lbs.	6.63	6.88
cbys.	100 lbs.	7.13	7.38
90%, bbls.	100 lbs.	8.33	8.58
cbys.	100 lbs.	8.83	9.08
Acetic acid prices are on freight allowed basis in zone 1 (East of Mississippi River). Zone 2 (Mississippi River to Rocky Mounts), $1.50 per 100 lbs. higher, Zone 3 (Pacific Coast), $1.75 per 100 lbs. higher.			
Acetic, anhydride, dms., c.l.	lb.	.15	—
l.c.l.	lb.	.16	.19
Acetylsalicylic, USP, bbls., 225 lbs.	lb.	.58	—
boxes, 100 lbs.	lb.	.59	—
50 lbs.	lb.	.60	—
25 lbs.	lb.	.61	—
kegs, 100 lbs.	lb.	.58	—
Anthranilic, refd., bbls.	lb.	.85	.95
tech., bbls.	lb.	.75	—
Arsenous, tech. (see Arsenic, White).			
USP., powd., dms., kegs	lb.	.18	—
Benzoic, tech., kegs	lb.	.40	—
USP., kegs	lb.	.54	.59
Battery, cbys.	100 lbs.	1.60	3.50
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd.	ton.	105.00	—
c.l., delvd.	ton.	110.00	—
l.c.l., ex whse.	ton.	115.00	120.00
sks., contracts, 80 tons, delvd.	ton.	95.00	—
c.l., delvd.	ton.	100.00	—
l.c.l., ex whse.	ton.	105.00	110.00
powd., bbls., contracts, 80 tons, delvd.	ton.	110.00	—
c.l., delvd.	ton.	115.00	—
l.c.l., ex whse.	ton.	120.00	135.00
sks., contracts, 80 tons, delvd.	ton.	100.00	—
c.l., delvd.	ton.	105.00	—
l.c.l., ex whse.	ton.	110.00	125.00
USP., $25 per ton higher.			
Broenner's, bbls.	lb.	1.16	1.21
Butyric, 95%, w.w., cbys., works,	lb.	.25	.30
edible, cbys., works	lb.	1.20	1.30
synthetic, 99%, dms., c.l., S. Charleston, W. Va.	lb.	.22	—
l.c.l., same basis	lb.	.23	—
tanks, same basis	lb.	.21	—
Camphoric, cans	lb.	5.50	—
Capreic, cans	lb.	2.20	—
Carbolic (see Phenol).			
Castor oil, split, dms.	lb.	.17	.17½
Chicago, bbls.	lb.	2.10	—
Chinawood oil, dms.	lb.	.20	.21
Chlorosulphonic, dms.	lb.	.03½	.05
Chromic, 99%, dms., delvd. N.Y.	lb.	.14¾	.16¾
Cinnamic, refd., bots.	lb.	2.85	3.25
Citric, cryst., bbls.	lb.	.26	—
kegs	lb.	.26½	—
gran., bbls.	lb.	.26	—
kegs	lb.	.26½	—
powds, bbls.	lb.	.26½	—
anhyd., gran., dms.	lb.	.29	—
powd., dms.	lb.	.29½	—
Prices on citric acid are f.o.b. N. Y.; Chicago and St. Louis deliveries are ½c. higher than N. Y.			
Cleve's, bbls.	lb.	.52	.54
Coconut oil, white, dms.	lb.	.09½	.10¼
Cottonseed oil, dms.	lb.	.07½	.08
Cresylic, 99%, high-boil, straw color, dms., c.l., f.o.b. seaboard, fr't. equald.			
E. producing points.	gal.	.68	.69
l.c.l., same basis	gal.	.70	—
c.l., West fr't. equald. M.W. prod. points	gal.	.69	.70
l.c.l., same basis	gal.	.71	—
low-boil, straw color, dms., over 500 gals., frt. equald. nearest competitive prod. point	gal.	.76	—
less 500 gals., same basis.	gal.	.78	—
Acid, cresylic, spec. resin grade, high-boil, dms., over 500 gals., same basis.	gal.	.06	.67
less 500 gals., same basis	gal.	.68	—
low-boil, dms., over 500 gals., same basis.	lb.	.07¾	—
less 500 gals., same basis	lb.	.08	—
imported, drums	gal.	.74	.75
Crotonic, dms., works	lb.	.90	1.00
Diethylbarbituric (see Barbital).			
Epsilon, bbls.	lb.	.77	.79
Formic, dom., 90%, cbys., c.l.	lb.	.11	.11½
l.c.l.	lb.	.12	.13
imported, cbys.	lb.	.11	.12
Fumaric, bbls.	lb.	.60	—
Gallic, tech., bbls.	lb.	.65	.68
USP. IX, bbls.	lb.	.77	.80
Gamma, bbls.	lb.	.80	.84
Gluconic, tech., 50%, bbls., 500 lbs.	lb.	.20	—
H, bbls.	lb.	.50	.55
Hempseed oil, dms.	lb.	.1180	.1225
Hydriodic, 47%, bots.	lb.	2.20	2.25
57%, bots.	lb.	2.65	2.70
Hydrobromic, 10%, USP, cbys.	lb.	.18	.20
Hydrochloric (see Muriatic).			
Hydrocyanic, cyls., works	lb.	.80	1.30
Hydrofluoric, 30%, bbls.	lb.	.07	.07½
lead, cbys.	lb.	.09	.09½
48%, lead cbys.	lb.	.11½	.12
52%, lead cbys.	lb.	.12½	.13
60%, lead cbys.	lb.	.15	.15½
Hydrofluosilicic, 30-35%, bbls.	lb.	.10½	.15
Hypophosphorus, USP, 30%, djns.	lb.	.75	—
Koch, bbls.	lb.	.36	.37
Lactic, 22%, dark, bbls.	lb.	.04½	.05
light, refined, bbls.	lb.	.06½	.07
44%, dark, bbls.	lb.	.09½	.10
light, refined, bbls.	lb.	.11½	.12
USP, X, 85%, cbys.	lb.	.45	.50
USP, VIII, 75%, cbys.	lb.	.43	.48
Linseed oil, dark or light, dms.	lb.	.1250	.1290
tanks	lb.	.1190	—
extra white, dms.	lb.	.11	.11½
split, dms.	lb.	.07¾	.08
refined, dms.	lb.	.08½	.09
Laurent's, bbls.	lb.	.46	.47
Maleic, powd., dms.	lb.	.29	.40
anhydride, dms.	lb.	.32	.43
Malic, powd., kegs	lb.	.45	.60
Mixed, tanks, nitric unit	lb.	.06½	.07½
sulphuric unit	lb.	.0085	.009
Monochloracetic, tech., bbls.	lb.	.16	.18
99%, bbls.	lb.	.18	.20
Monosulphonic, bbls.	lb.	1.50	1.60
Muriatic, 18°, cbys, c.l., works,	100 lbs.	1.35	—
l.c.l., 25 and over, works,	100 lbs.	1.60	—
10 to 24, works	100 lbs.	1.75	—
5 to 9, works	100 lbs.	1.95	—
1 to 4, works	100 lbs.	2.90	—
truckloads, delvd	100 lbs.	1.60	—
tanks, works	100 lbs.	1.00	—
20°, cbys, c.l., works	100 lbs.	1.45	—
l.c.l., 25 and over, works,	100 lbs.	1.70	—
10 to 24, works	100 lbs.	1.85	—
5 to 9, works	100 lbs.	2.05	—
1 to 4, works	100 lbs.	3.00	—
truckloads, delvd	100 lbs.	1.70	—
tanks, works	100 lbs.	1.10	—
22°, cbys, c.l., works	100 lbs.	1.95	—
l.c.l., 25 and over, works,	100 lbs.	2.20	—
10 to 24, works	100 lbs.	2.35	—
5 to 9, works	100 lbs.	2.55	—
1 to 4, works	100 lbs.	3.50	—
truckloads, delvd	100 lbs.	2.20	—
tanks, works	100 lbs.	1.60	—
CP, cbys.	lb.	.06½	.07½
6-lb. bots.	lb.	.08½	.12½
Naphthenic, S.V. 120-200, dms,	lb.	.07	.09
210-230, dms.	lb.	.10	.12
240-280, dms.	lb.	.11	.14
sludges, dms.	lb.	.06	.10
Nevile & Winther's, bbls.	lb.	.85	.87
Nitric, 36°, cbys, c.l., works,	100 lbs.	5.00	—
l.c.l., 25 and over, works,	100 lbs.	5.25	—
10 to 24, works	100 lbs.	5.40	—
5 to 9, works	100 lbs.	5.60	—
1 to 4, works	100 lbs.	6.50	—
truckloads, delvd	100 lbs.	5.25	—
38°, cbys, c.l., works	100 lbs.	5.50	—
l.c.l., 25 and over, works,	100 lbs.	5.75	—
10 to 24, works	100 lbs.	5.96	—
5 to 9, works	100 lbs.	6.10	—
1 to 4, works	100 lbs.	7.00	—
truckloads, delvd	100 lbs.	5.75	—
40°, cbys, c.l., works	100 lbs.	6.00	—
l.c.l., 25 and over, works,	100 lbs.	6.25	—
10 to 24, works	100 lbs.	6.40	—
5 to 9, works	100 lbs.	6.60	—
1 to 4, works	100 lbs.	7.50	—
truckloads, delvd	100 lbs.	6.25	—
42°, cbys, c.l., works	100 lbs.	6.50	—
l.c.l., 25 and over, works,	100 lbs.	6.75	—
10 to 24, works	100 lbs.	6.90	—
5 to 9, works	100 lbs.	7.10	—
1 to 4, works	100 lbs.	8.00	—
truckloads, delvd	100 lbs.	6.75	—
CP, cbys.	lb.	.11½	.12½
7-lb. bots.	lb.	.12½	.22½
Prices of yellow nitric acid 25c. per 100 lbs. below those above.			
Oleum (see sulphuric fuming).			
Oxalic, dom., bbls.	lb.	.11½	.12¼
Palm oil, dms.	lb.	.0780	.0825
Para-aminobenzoic, bbls., frt. all'd.	lb.	1.25	1.30
Peri, bbls.	lb.	.62	—
Perilla oil, dms.	lb.	.1110	.1150
Phenylacetic, bots.	lb.	2.00	3.25
Phosphoric, tech., 50%, cbys.	lb.	.06	—
75%, cbys.	lb.	.09	—
USP, 85%, s.g. 1.710, djns.	lb.	.14	.15
50%, s.g. 1.347, cbys, djns.,	lb.	.14	—
10%, dilut., cbys, djns.	lb.	.07	.07½
Acid, picramic, kgs.	lb.	.65	.70
Picric, bbls., c.l.	lb.	.30	—
l.c.l.	lb.	.35	.40
Propionic, tech., cbys., dms.	lb.	.16	.20
Pyrogallic, cryst., cns.	lb.	1.55	1.65
resubl, cns.	lb.	1.90	2.00
Rapeseed oil, dms.	lb.	.12	.13
Ricinoleic, dms.	lb.	.20	.28
Salicylic, tech., bbls.	lb.	.40	—
USP, bbls.	lb.	.40	.45
Sardine oil, dms.	lb.	.09¼	.09½
Sebacic, C.P., bbls., works.	lb.	.58	—
tech., bbls., works	lb.	.37	.41
Soybean oil, dms.	lb.	.09¾	.10¼
Stearic, distil., double pressed, bgs., delvd.	lb.	.09	.10
single pressed, bgs., delvd.	lb.	.08½	.09½
triple pressed, bgs., delvd.	lb.	.11¾	.12¾
saponif., double pressed, bgs., delvd.	lb.	.09½	.10½
triple pressed, bgs, dlvd.	lb.	.12	.13
Succinic, bbls.	lb.	.75	—
Sulphanilic, CP, bots, works.	lb.	1.60	1.68
tech., dms., works	lb.	.18	.19
Sulphonaphthenic, dms.	lb.	.04	.10
Sulphuric, 60°, cbys., c.l., works,	100 lbs.	1.10	—
l.c.l., 25 and over, works,	100 lbs.	1.35	—
10 to 24, works	100 lbs.	1.50	—
5 to 9, works	100 lbs.	1.70	—
1 to 4, works	100 lbs.	2.65	—
tanks, works	ton.	11.00	—
63°, cbys., c.l., E works,	100 lbs.	1.35	—
mid-W works	100 lbs.	1.50	—
l.c.l., 25 and over, works,	100 lbs.	1.60	—
10 to 24 works	100 lbs.	1.75	—
5 to 9, works	100 lbs.	1.95	—
1 to 4, works	100 lbs.	2.90	—
truckloads, delvd	100 lbs.	1.60	—
tanks, works	ton.	15.50	—
98%, tanks, works	ton.	16.50	—
CP, cbys.	lb.	.06½	.07½
9-lb. bots.	lb.	.08½	.17½
fuming, 20%, tanks, works.	ton.	18.50	—
Sunflower seed oil, dms.	lb.	.16	.16¾
Tannic, tech., bbls.	lb.	.19	.25
USP, fluffy, bbls.	lb.	.83	.88
Tartaric, USP, dom., cryst., gran., powd., bbls.	lb.	.24	—
kgs.	lb.	.24½	—
Tobias, bbls.	lb.	.70	.72½
Trichloracetic, bots.	lb.	2.45	2.50
Tungstic, CP, kgs.	lb.	2.45	2.70
tech., kgs.	lb.	1.50	1.60
Aconite leaves, bls.	lb.	.22	.24
Root, bls.	lb.	.26	.27
Aconitine, amorph., vis.	oz.	17.00	—
cryst., vis.	oz.	30.00	—
Adeps, lanae, anhyd., dms.	lb.	.17½	.19
hyd., dms.	lb.	.16	.18
Agar Agar, 1, bls.	lb.	.72	.73
2, bls.	lb.	.58	.69
3, bls.	lb.	.60	.61
Agaric, white, bls.	lb.	4.50	4.75
Albumen, blood, dark, flake, bgs., c.l., Chicago.	lb.	.12	—
ton lots, Chicago	lb.	.13	—
less than ton, Chicago.	lb.	.15	.17
powd., bgs., c.l., Chicago.	lb.	.13	—
ton lots, Chicago	lb.	.15	—
less than ton, Chicago.	lb.	.17	.20
light, dom., flake, grade 1, dms., Chicago.	lb.	.50	.60
2, dms., Chicago	lb.	.45	.50
import, bgs.	lb.	.50	—
Egg, ed., dom., bbls.	lb.	1.05	—
import, cs.	lb.	.79	.81
Milk, grd., sks., c.l.	ton.	No stocks	
ungrd., sks., c.l.	ton.	No stocks	
Vegetable ed., bbls., works.	lb.	.65	Nom.
Alcohol, amyl (see also Fusel oil, refd.), ex pentane, dms.,	c.l., dlvd.	.15	—
l.c.l., dlvd.	lb.	.157	—
tanks, dlvd.	lb.	.143	—
secondary, dms., c.l., f.o.b. dest.	lb.	.09½	—
l.c.l. frt. alld.	lb.	.10	—
tanks, frt. alld.	lb.	.08½	—
Benzyl, bots.	lb.	.65	1.20
Butyl, normal, dms., c.l., frt. alld.	lb.	.09½	—
l.c.l., frt., alld.	lb.	.10	—
tanks, frt. alld.	lb.	.08½	—
secondary, dms., c.l., f.o.b. dest.	lb.	.08½	—
l.c.l., f.o.b. dest.	lb.	.09	—
tanks, f.o.b. dest.	lb.	.07½	—
tertiary, denating, dms., frt. alld.	lb.	.14	—
Capyrl, pure, dms., works.	lb.	2.50	—
tech., dms., works	lb.	.85	—
Cetyl., dom., C.P., fiber, ctns, 1,000 lbs.	lb.	1.50	—
500 lbs.	lb.	1.70	—
100 lbs.	lb.	1.80	—
25 lbs.	lb.	1.90	—
5 lbs.	lb.	2.00	—
com'l, dms.	lb.	.95	—
import., 85%, dms., 100 lbs.	lb.	.55	—
5 to 10 lbs.	lb.	.75	—
com'l, dms., 350 lbs.	lb.	.40	—
Cinnamic, bots.	lb.	3.40	3.50
Denatured, CD5 revis.; 5A; 10, 188 pf., dealer, 54-gal. dm., dlvd. E.	gal.	.40	—
5-gal. dm., dlvd. E.	gal.	.46	—
1-gal. can, dlvd. E.	gal.	.51	—
Prices for territories other than E. of Rockes 8c. per gal. higher. Authorized jobbers' discount 20%. Tankcar sales require written authorization by Alcohol Tax Unit.			
SD1, 190 pf., bbls., c.l., E. works.	gal.	.29	—
l.c.l., 5 to 19, E. works,	gal.	.35	—
1 to 4, E. works	gal.	.37	—

Acacia—Alumina Chloride

Alcohol, denat., SD1, 190 pf., dms., c.l., E. works	gal.	.28	—
f.o.b. W. points	gal.	.39	—
l.c.l., 20, E. works	gal.	.30	—
5 to 19, E. works	gal.	.34	—
1 to 4, E. works	gal.	.38	—
l.c.l., f.o.b. W. points,	gal.	.43	—
tanks, E. works	gal.	.23	—
Anhydrous, 5c. per gal. higher. W. points are:—C.l., Los Angeles, Portland, San Francisco, Seattle, Tacoma; l.c.l., Los Angeles, San Francisco.			
Special solvent, dms., c.l., E. works.	gal.	.29	—
f.o.b. W. points	gal.	.40	—
l.c.l., 10 to 71, f.o.b. W. points.	gal.	.50	—
20, E. works	gal.	.31	—
5 to 19, E. works	gal.	.35	—
5 to 9, f.o.b. W. points,	gal.	.52	—
1 to 4, E. works	gal.	.37	—
f.o.b. W. points	gal.	.54	—
1 or more for paint mfrs. or jobbers, f.o.b. W. points.	gal.	.44	—
tanks, E. works	gal.	.24	—
f.o.b. W. points	gal.	.35	—
Tankcar sales require written authorization by Alcohol Tax Unit. W. points are:—C.l., Los Angeles, Portland, San Francisco, Seattle, Tacoma; l.c.l., Los Angeles, San Francisco.			
Diacetone, pure, contract, dms., c.l., frt. alld.	lb.	.18	—
l.c.l., frt. alld.	lb.	.18½	—
tech., contract, dms, c.l., frt. alld.	lb.	.17	—
l.c.l., frt. alld.	lb.	.17½	—
Ethyl, 190 pf., ex molasses, bbls., c.l.	gal.	4.13	—
l.c.l.	gal.	4.15	4.25
dms., c.l.	gal.	4.12	—
l.c.l.	gal.	4.14	4.24
tanks	gal.	4.07	—
absolute, dms.	gal.	4.54	6.06½
Grain alcohol 25c. per gal. higher.			
Hexyl, secondary, dms., c.l., f.o.b., dest.	lb.	1.25	—
l.c.l., f.o.b. dest.	lb.	.13	—
tanks, f.o.b. dest.	lb.	.115	—
Isoamyl, primary, dms., l.c.l., dlvd.	lb.	.27	—
cans, works	lb.	.22	—
Isobutyl, refd., dms., c.l. works. frt. alld. E. of Rockies.	lb.	.09½	—
l.c.l., same terms	lb.	.10	—
tanks, same terms	lb.	.08¾	—
Isopropyl, refd., 91%, dms., c.l., f.o.b. dest. or Miss. crossing	gal.	.55	—
l.c.l., same terms	gal.	.60	.90
98%, dms., c.l., same terms.	gal.	.70	—
l.c.l., same terms	gal.	.75	—
denat. grd., dms., c.l., frt. alld.	gal.	.32	—
l.c.l., ft. alld.	gal.	.32	—
Methyl (see Methanol)			
Phenylethyl, bots.	lb.	3.00	4.25
Propyl (see Isopropyl)			
Aldehol, denat. grade, dms., tanks, works.	gal.	.70	.80
Aldol, 95%, dms., c.l., works.	lb.	.21	—
l.c.l., works.	lb.	.25	—
Aletris root, bgs.	lb.	.30	.51
Alizarin (see Red, alizarin)			
Alkanet root, bgs.	lb.	.10	.11
Aloe, Barbados, true, cs.	lb.	.85	.90
Cape, cs.	lb.	.20	.21
Curacao, cs.	lb.	.21	.22
gourds, bbls.	lb.	.50	.51
Socotrine, kgs.	lb.	.35	.36
Aloin, bbls., cns.	lb.	1.50	1.55
Alphanaphthol, bbls.	lb.	.60	.68
Alphanaphthylamine, bbls.	lb.	.33	.37
Althea root, cube cut, bls.	lb.	.26	.27
Alum, ammonia, burnt, USP, bbls.	lb.	.16	.17
gran., bbls., works	100 lbs.	2.75	3.00
dlvd. N.Y., Phila.	100 lbs.	2.90	—
lump, bbls., works	100 lbs.	3.00	3.25
dlvd. N.Y., Phila.	100 lbs.	3.15	—
powd., bbls., works	100 lbs.	3.15	3.40
dlvd. N.Y., Phila.	100 lbs.	3.30	—
Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rate, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex-warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.			
Potash, gran., bbls., works	100 lbs.	3.00	3.25
dlvd. N.Y., Phila.	100 lbs.	3.15	—
lump, bbls., works	100 lbs.	3.25	3.50
dlvd. N.Y., Phila.	100 lbs.	3.40	—
powd., bbls., works	100 lbs.	6.40	3.65
dlvd. N.Y., Phila.	100 lbs.	3.55	—
Potash alum prices on same basis as those for ammonia alum.			
Potash-chrome, bbls.	lb.	.07	.07½
Soda, bbls., c.l., works	100 lbs.	3.25	—
l.c.l., dlvd.	100 lbs.	4.25	5.00
Alumina acetate, CP, 20% solut., bbls.	lb.	.09	.10
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works.	lb.	.05	—
12,000 to 40,000 lbs., works.	lb.	.06	—
1,100 to 11,000 lbs., works.	lb.	.07	—
140 to 875 lbs., works.	lb.	.08	—
100 lbs. or less, works.	lb.	.09	—
cryst., com'l, dms., c.l., works	lb.	.06½	.07
solut., dms., works	lb.	.08	.08¼

Alumina Hydrate—Amyl Chlor.

Alumina hydrate, heavy, bbls., 20 and over, works..lb. .04 - ..
less than 20, works.....lb. .04½- —
light, bbls., dlvd.....lb. .13 - —
Oleate, dms., contr.....lb. .16¾- —
open order.....lb. .17½- .18½
Palmitate, precip., bbls., ton.lb. .21 - —
smaller lots.....lb. .22 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .18 - —
l.c.l., ton.....lb. .19 - —
less than ton.....lb. .20 - —
Sulphate, com'l, bgs., c.l., works, frt. equald.100 lbs. 1.35 - —
l.c.l., works, frt. equald.. 100 lbs. 1.60 - —
bbls., c.l., works, frt. equald. 100 lbs. 1.55 - —
l.c.l., works, frt. equald. 100 lbs. 1.80 - —
Iron-free, bgs., c.l., works, 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.25 - 2.60
truckload, dlvd, met. N.Y. 100 lbs. 2.40 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.55 - —
5 to 9, dlvd. met. N.Y.. 100 lbs. 2.80 - —
1 to 4, dlvd. met. N. Y. 100 lbs. 3.30 - —
bbls., c.l., works....100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.45 - 2.80
truckloads, dlvd., met.N.Y. 100 lbs. 2.60 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.75 - —
5 to 9, dlvd, met, N.Y. 100 lbs. 3.00 - —
1 to 4, dlvd, met. N.Y. 100 lbs. 3.50 - —

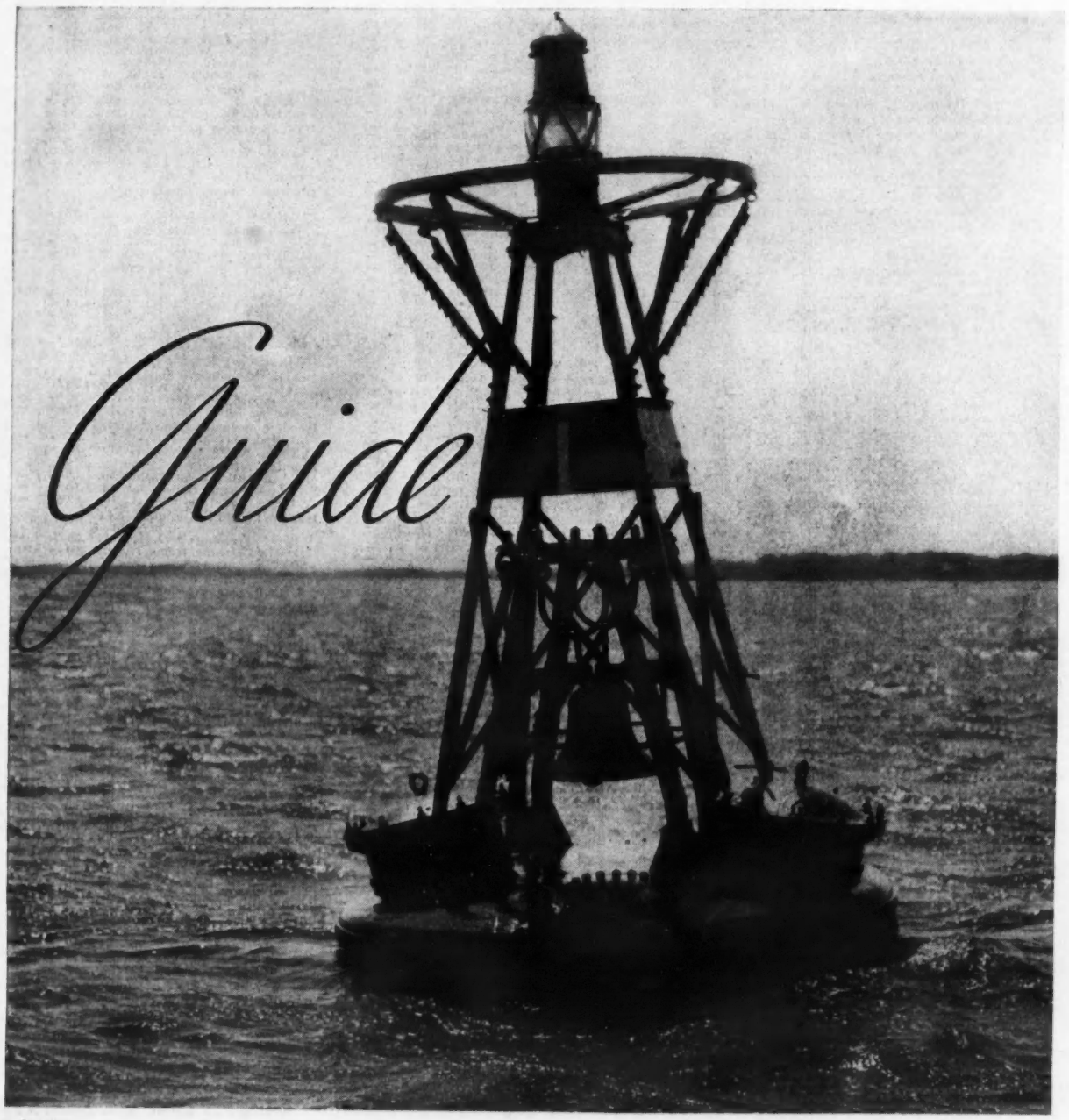
Aluminum, 98-99%, dms., c.l...lb. .19 - .19½
l.c.l. .....lb. .20 - .21
Powder, dry, lining, ext. fine, dms., 30,000 lbs.; f.o.b. ship. pt. (see note below) .....lb. .90 - —
3,000-30,000 lbs., same basis—lb. .92 - —
1,000-3,000 lbs., same basis—lb. .95 - —
less than 1,000 lbs., same basis..lb. 1.00 - —
standard, dms., 30,000 lbs., same basis..lb. .50 - —
3,000-30,000 lbs., same basis—lb. .52 - —
1,000-3,000 lbs., same basis—lb. .55 - —
less than 1,000 lbs., same basis..lb. .60 - —
litho, ext. brilnt., dms. 30,000 lbs., same basis .....lb. .41 - —
3,000-30,000 lbs., same basis—lb. .42 - —
1,000-3,000 lbs., same basis..lb. .46 - —
less than 1,000 lbs., same basis..lb. .51 - —
ext. fine, dms., 30,000 lbs., same basis..lb. .45 - —
3,000-30,000 lbs., same basis—lb. .47 - —
1,000-3,000 lbs., same basis..lb. .50 - —
less than 1,000 lbs., same basis..lb. .55 - —
standard, dms., 30,000 lbs., same basis..lb. .40 - —
3,000-30,000 bs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .43 - —
less than 1,000 lbs., same basis..lb. .50 - —

Aluminum, powder, dry, litho., wallpaper, dms., 30,000 lbs., same basis..lb. .40 - —
3,000-30,000 lbs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
rubber comp., dms., 30,000 lbs., same basis..lb. .39 - —
3,000-30,000 lbs., same basis..lb. .41 - —
1,000-3,000 lbs., same basis..lb. .44 - —
less than 1,000 lbs., same basis..lb. .49 - —
unpolished, standard, dms., 30,000 lbs., same basis .....lb. .35 - —
3,000-30,000 lbs., same basis..lb. .37 - —
1,000-3,000 lbs., same basis..lb. .40 - —
less than 1,000 lbs., same basis..lb. .45 - —
varnish, ext. brilnt., dms, 30,000 lbs., same basis .....lb. .41 - —
3,000-30,000 lbs., same basis..lb. .43 - —
1,000-3,000 lbs., same basis..lb. .46 - —
less than 1,000 lbs., same basis..lb. .51 - —
ext. fine, dms., 30,000 lbs., same basis..lb. .45 - —
3,000-30,000 lbs., same basis..lb. .47 - —
1,000-3,000 lbs., same basis..lb. .50 - —
less than 1,000 lbs., same basis..lb. .55 - —

Aluminum, powder, dry, varnish, standard, dms., 30,000 lbs., same basis..lb. .40 - —
3,000-30,000 lbs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
paste, fine lining, dms., 30,000 lbs., same basis lb. .65 - —
3,000-30,000 lbs., same basis..lb. .67 - —
1,000-3,000 lbs., same baeis..lb. .70 - —
less than 1,000 lbs., same basis..lb. .75 - —
extra dms., 30,000 lbs., same basis..lb. .70 - —
3,000-30,000 lbs., same basis..lb. .72 - —
1,000-3,000 lbs., same basis..lb. .75 - —
less than 1,000 lbs., same basis..lb. .80 - —
ink, dms., 30,000 lbs., same basis..lb. .80 - —
3,000-30,000 lbs, same basis..lb. .82 - —
1,000-3,000 lbs, same basis..lb. .85 - —
less than 1,000 lbs., same basis..lb. .90 - —
ink, dms., 30,000 lbs., same basis..lb. .75 - —
3,000-30,000 lbs., same basis..lb. .77 - —
1,000-3,000 lbs., same basis..lb. .80 - —
less than 1,000 lbs., same basis..lb. .85 - —
standard, dms., 30,000 lbs., same basis..lb. .43 - —
3,000-30,000 lbs., same basis..lbs. .45 - —
1,000-3,000 lbs., same basis..lb. .48 - —
less than 1,000 lbs., same basis..lb. .53 - —

Aluminum powder and paste, c.l., pric 2c. per lb. below 30,000-lb. price Deduction equivalent to full freig rate allowed in quantities of 200 lbs. over, where shipping point and destin tion are both E. of Miss. river; whe destination is W. of Miss., but shippi point is E., deduction will be equivale to the full freight rate only to the Mis river; shipments ex whse. W. of Miss. n subject to freight allowance. Deliveri ex whse. extra as follows:—Chicago, Clev land, Detroit, St. Louis, ¼c.; Houst Kansas City, ½c.; Los Angeles, Portlan San Francisco and Seattle, 1c.; Dalla Tulsa, ¾c.; Denver, 2c.

Ambergris, gray, tins.....oz.22.00 - 35.00
Amidopyrene, cs.....lb. 4.00 - 4.10
Ammonia, anhyd., fertilizer, tanks (50,000 lbs.) works....lb. .04½- —
refrigeration, tanks, works..lb.. .05½- —
pure, cyls., dlvd., met. N.Y. lb. .16 - .22
Anhydrous ammonia in cylinders is quot on a nationwide schedule of delivered ar stock point prices in all States.
Acetate, kgs.....lb. .26 - .33
Aldehyde, dms.....lbs. .65 - .70
Aqua, 26°, cbys.....lb. .05½- —
dms., c.l.....lb. .02½- —
l.c.l. .....lb. .02¾- —
tanks (on NH_3 content)..lb. .05 - .05
tankwagons .....lb. .024 - —
Bicarbonate, bbls., c.l., works, 100 lbs. 5.15 - —
l.c.l., dlvd. N. Y....100 lbs. 5.71 - —
Bifluoride, bbls.....lb. .15 - .17
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - .36
Carbonate, tech., dom., bbls.lb. .08 - .12
imported, csks.....lb. .08 - .12
USP, lump, bbls.....lb. .08 - .09
cks .....lb. .07 - —
powd., bbls.....lb. .09 - .10
Chloride, tech. (see Ammoniac, sal)
USP, gran., bbls.....lb. .12½- .13
Citrate, kgs.....lb. .80 - .86
Fluoride, bbls.....lb. .17 - .19
Hydroxide (see Ammonia, aqua).
Hypophosphite, bbls.....lb. 1.10 - 1.15
Iodide, jars.....lb. 3.40 - 3.45
Laurate, bbls.....lb. .10 - —
Linoleate, 80%, anhyd., bbls.lb. .11 - —
Naphthenate, bbls.....lb. .11 - —
Nitrate, tech., cks.....lb. .04 Nom
Oleate, bbls.....lb. .10 - —
Oxalate, neutral, cryst., powd., bbls..lb. .26 - .27
pure, cryst., bbls., kgs....lb. .27 - .28
Perchlorate, kgs.....lb. .16 - —
Persulphate, kgs.....lb. .21 - .22
Phosphate, dibasic, NF, bbls.lb. .34 - .36
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, pure, bbls.....lb. .40 - .42
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
Ricinoleate, bbls.....lb. .15 - —
Salicylate, USP, kgs.....lb. 1.15 - 1.20
Sulphate, dom., bulk, c.l., July Spt. dlvy., dlvd., Ill., Ind., Mich., Ohio..ton.23.00 - —
f.o.b. cars, Atlantic, Gulf, ports..ton.25.00 - —
Birmingham, Ala., ovens..ton.25.00 - —
Northern ovens...ton.23.00 - —
barge lots, Sparrows Point, Md., Brooklyn, N. Y.ton.24.00 - —
Ammonia sulphate, domestic, for Oct Nov. delivery is 50c. per ton ad tional; Dec.-June delivery is $1 p ton additional.
dbl. bgs., export, f.a.s. N.Y., ton. No prices
imports., bulk, c.i.f. Atlantic ports..ton. No prices
bgs., c.i.f. Atlantic ports.ton. No prices
Sulphide, liquid, dms.....lb. .15 - —
tanks .....lb. .12 - —
Sulphocyanide, kgs.....lb. .55 - —
Ammoniac, gum (see Gum, ammoniac).
Sal. gray, dom., bbls. c.l. 100 lbs. 5.00 - 5.25
l.c.l. .....100 lbs. 5.50 - 5.75
import, gran., csks.....lb. .05½- .06
lump, bbls.....lb. .10½- .13
white, gran., dom., bbls., contracts, works..100 lbs. 4.45 - 5.05
imports., csks.....100 lbs. 4.45 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., works..lb. .12 - .12
l.c.l., frt. alld.....lb. .12½- .13
tanks, works.....lb. .11 - .12
ex pentane, dms., c.l., dlvd, lb. .142 - —
l.c.l., dlvd.....lb. .149 - —
tanks, dlvd.....lb. .135 - —
secondary, dms., c.l., f.o.b. dest..lb. .09½- —
l.c.l., f.o.b. dest.....lb. .10 - —
tanks, f.o.b. dest.....lb. .08½- —
Alcohol (see Alcohol, amyl).
Butyrate, bots.....lb. .90 - 1.00
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works. lb. .56 - —
small lots, works.....lb. .68 - —
Chlorides, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .077 - —
tanks, works.....lb. .06 - —



THE COURSE of the seasoned pilot lies straight up the channel. He recognizes the signs of danger and steers his ship clear of the reefs.

The guide of the paint manufacturer is a complicated paint formula. His objective is the production of fine paint. Reaching this goal depends upon the quality of the ingredients which go into its manufacture.

Experience has taught that the best paints are made with the best pigments. Krebs is familiar with every kind of pigmentation problem and is ready to supply the best solution to every one.

The Krebs line of white pigments and dry colors is unrivalled for excellent quality and variety. When you need a high-grade titanium product, order "Ti-Bar", "Ti-Cal", or "Ti-Pure".

Ask our technical representative for details of our complete pigment service.

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THE CHEMISTS' CLUB

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USI

ALCOHOL NEWS

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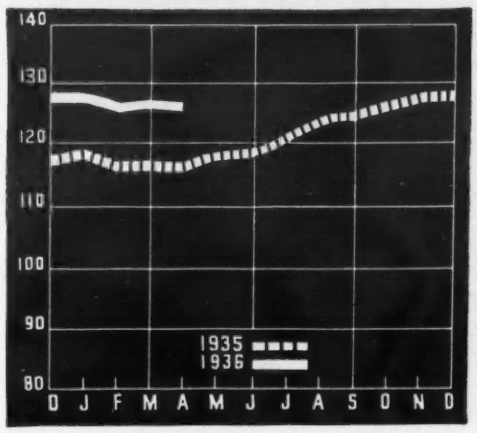
JULY ★ A Monthly Series of Technical Articles for Chemists and Executives ★ 1936

ETHYL ALCOHOL PRODUCTION



(moving twelve-month averages, 1935=100)

ETHYL ALCOHOL			
Production		1936	1935
1000 proof gals.	Jan.-April	51,773	49,136
	April	11,948	14,235
	March	13,899	12,844
Withdrawals			
1000 proof gals.	Jan.-April	48,776	45,544
	April	12,656	10,886
	March	11,754	14,620

FORMULAS FOR S.D.A. NO. 25 AND NO. 25-A ARE AMENDED

Amended specifications for Specially Denatured Alcohol formulas No. 25 and 25-A were issued in Treasury Decision 4644, approved May 25, 1936.

The new specifications which include one additional denaturant, are given below:

Formula S. D. A. No. 25

To every 100 gallons of ethyl alcohol add:
20 pounds of Iodine, U.S.P. and
15 pounds of Potassium Iodide, U.S.P.
or
15 pounds of Sodium Iodide, U.S.P.

Formula S. D. A. No. 25-A

To every 100 gallons of ethyl alcohol add:
A solution composed of 20 pounds of Iodine, U.S.P.
15 pounds of Potassium Iodide, U.S.P.
or
15 pounds of Sodium Iodide, U.S.P. and
15 pounds of water

NEW SYNTHETIC MUSK OFFERED FOR SOAPS AND PERFUMES

The superior qualities of the known musks are combined in a synthetic musk which has recently been placed on the market. The limitations of musks now in use are said by the manufacturer to be eliminated in the product.

The new musk is said to have an odor which closely approximates that of musk ketone. An advantage to perfumers is the fact that it is highly soluble in dilute alcohol, and therefore is an ideal fixative for toilet waters, eau de cologne, and like toilet preparations having a low alcoholic concentration.

For the soap manufacturer, the new musk offers a desirable feature in that it will not cause discoloration in any perfume for white soap. The soapmaker is thus enabled, for the first time, to produce a light-fast, white, perfumed product.

THREE NEW FORMULAS FOR COMPLETELY DENATURED ALCOHOL EFFECTIVE JULY 1st

C.D. Nos. 11, 12 and 13 to Replace C.D. 5-A and 10

As a result of protests to the Treasury Deparment concerning the objectionable odor of Completely Denatured Alcohols, new formulas have been introduced from time to time. Early in June three new formulas, C. D. Nos. 11, 12 and 13 were announced.

Complaints about odor of existing formulas have been made to the Department ever since the discontinuance of wood alcohol as a denaturant for C. D. No. 5 and the suspension of the manufacture of C. D. No. 1.

Due to the urgent requests of consumers, the manufacture of proprietary solvent was authorized as a substitute of C. D. No. 1. However, proprietary solvents are not authorized for anti-freeze purposes. While chemists of the Treasury Department, the producers and the chemical industry have worked diligently, none of the existing formulas have completely met the approval of users. During this period U.S.I., as well as other producers, have urged the Treasury Department to return to the wood alcohol formulas.

Meanwhile, the formulas for C. D. alcohol have been changed several times, and within the last few months new formulas have been promulgated under T. D. 4646 and T. D. 4648. The latter T. D. authorized C. D. Nos. 11, 12, and 13, replacing C. D. Nos. 5-A and 10. The composition of the new formulas is given below:

Formula No. 11

To every 100 gallons of ethyl alcohol add:

"Pontol-K" (or similar compound)	3.00 gal.
"ST-115" (or similar compound)	3.00 gal.
Gasoline	1.00 gal.
"Agdite" (or similar compound)	0.50 gal.
or	
"Hydronol" (or similar compound)	1.00 gal.

(Continued on next page)

U.S.I. ANTICIPATES BIGGEST SUPER PYRO ANTI-FREEZE SEASON

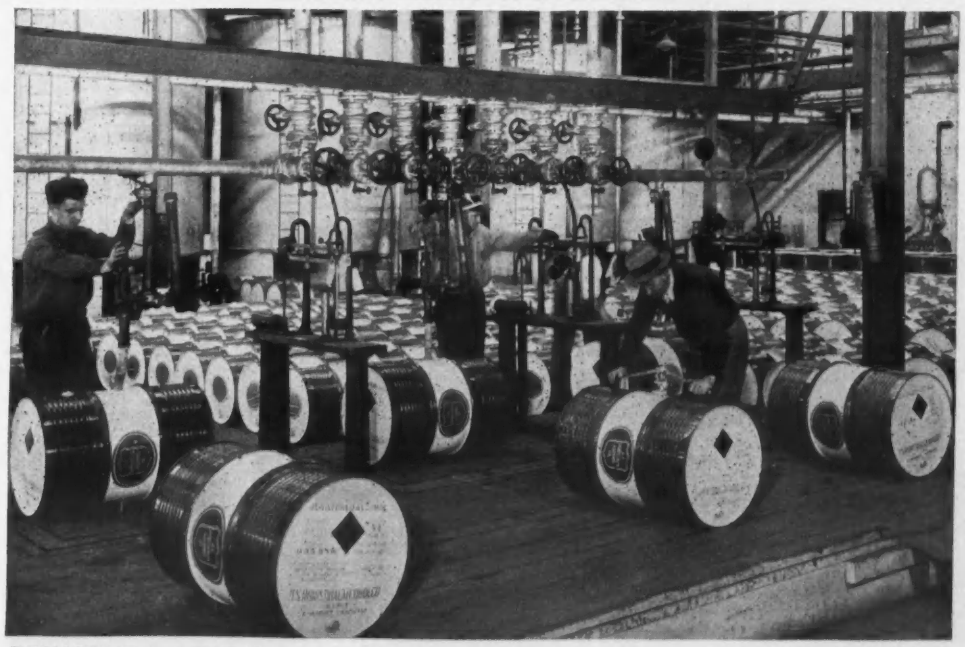
With an expanded advertising plan embodying five major media and a more complete retail and wholesale distribution system for 1936-37, U.S.I. anticipates its largest SUPER PYRO Anti-Freeze season. This program is expected to add almost 1,000,000 new users to the 4,000,000 who purchased SUPER PYRO last winter.

This superior product was immediately accepted by almost a million motorists in 1933, when it was first introduced. The qualities of SUPER PYRO have been proven by the experience of the motoring public within the past four years. Last year SUPER PYRO was the largest selling anti-freeze in its class.

Superior Qualities

SUPER PYRO perfectly meets the demand of more than three quarters of the car owners of the United States, for it is the most economical anti-freeze having anti-corrosion and lasting features. For 1936, the technical story of SUPER PYRO is further enhanced by the an-

(Continued on next page)



DENATURED ALCOHOL is drummed in this building in the Baltimore plant of the U. S. Industrial Alcohol Co. Drums are filled on a weight basis with the electrically operated automatic apparatus shown. Equipment of this kind is representative of the extensive facilities of U.S.I. for handling all formulas of alcohol and enables the Company to offer exceptional service to customers.

Prepared Monthly by the U. S. Industrial Alcohol Co.

ADVERTISEMENT—*This entire page is a paid advertisement.*

JULY ★ **ALCOHOL NEWS** ★ 1936

(Continued from preceding page)

NEW C.D. FORMULAS

Formula No. 12

To every 100 gallons of ethyl alcohol add:

"Pontol-K" (or similar compound)	4.00 gal.
Methyl Isobutyl Ketone	2.00 gal.
Gasoline	1.00 gal.
"Agdite" (or similar compound)	1.00 gal.
or	
"Hydronol" (or similar compound)	2.00 gal.

Formula No. 13

To every 100 gallons of ethyl alcohol add:

"ST-115" (or similar compound)	4.00 gal.
Methyl Isobutyl Ketone	2.00 gal.
Gasoline	1.00 gal.
"Agdite" (or similar compound)	0.50 gal.
or	
"Hydronol" (or similar compound)	1.00 gal.

The denaturants specified for Completely Denatured Alcohol are described by the Treasury Department as follows:

Agdite: "A compound petroleum product free from water and all suspended materials."

Hydronol: "An organic hydrogenation product free of water and suspended materials, and having characteristic taste and odor."

Pontol-K: "A product consisting principally of a mixture of primary and secondary aliphatic higher iso alcohols and other compounds of characteristic odor and taste."

ST-115: "A product, free from wood alcohol, containing a definite proportion of the pyroligneous bodies produced by the destructive distillation of wood."

Methyl Isobutyl Ketone is a chemical entity with a definite structural formula and is not a complex, partially purified product as are the other denaturants cited above. It is one of the synthetic ketones.

These new formulas will be available after July 1, 1936, and the trade will then have the opportunity to determine whether or not the objections to previous formulas have been eliminated.

BIGGEST SUPER PYRO SEASON

(Continued from preceding page)

nouncement of a patent granted April 28, 1936, covering all anti-freeze alcohols containing the SUPER PYRO anti-rust ingredients. The anti-rust ingredients make SUPER PYRO the only anti-freeze on the market that stops rust and corrosion of all six metals in the automobile cooling system.

Carefully conducted tests have conclusively shown that copper, iron, steel, brass, and aluminum are not damaged by SUPER PYRO. Other anti-freezes tested in the same way were found to affect at least one of the metals used in the construction of the cooling system of the modern motor car.

SUPER PYRO lasts longer, not only because it is made from 200 proof alcohol, but also because it keeps the cooling system of the car clean and thus allows the normal dissipation of heat resulting in efficient operating temperatures.

During the 1936-37 season, SUPER PYRO will be featured as the Money Saving Anti-Freeze because impartial tests have established that it lasts longer and therefore gives more economical service to the motorist than either denatured alcohol or methanol.

The distribution of SUPER PYRO will be further extended by the enlistment of even a larger number of retail outlets. Motorists can purchase this superior product in virtually every part of the United States where freezing weather occurs.

U. S. I. ALCOHOL IS DEPENDABLE RAW MATERIAL FOR ETHER AND ETHYLENE

These Anaesthetics Aid Surgery

One of the greatest contributions of alcohol to the progress of medical science was in the discovery and development of anaesthesia. Major surgical and many minor operations were impossible in past years, due to the intense pain and nervous shock suffered by the patient before anaesthesia was known. With the introduction of safe anaesthetics, this barrier was removed.

Ether, as a general anaesthetic, was first used in 1846, ninety years ago. It is made by heating ethyl alcohol with strong sulphuric acid in a leaden vessel, followed by a very exacting purification and tests to assure its necessary high quality. Practically all anaesthesia grade ether is made from ethyl alcohol. Nearly 2,000,000 gallons of specially denatured alcohol are used each year in the United States for the manufacture of ether.

Ethylene, a gas, was first suggested and employed for anaesthetic purposes about 1923. It is made by passing alcohol vapor over a selected dehydrating medium, followed by washing, purification, and compression of the gas in cylinders. More than half a million gallons of alcohol are used annually in the manufacture of ethylene.

U.S.I. produces a large proportion of the alcohol from which both ether and ethylene are made. The uniformly high grade of the U.S.I. alcohol makes it absolutely dependable for these purposes.

TECHNICAL DEVELOPMENTS

The items in this column are gathered from many varied sources. Further information may be obtained by writing to U. S. I.

U S I

New perfume odors which resemble the "odor of earth" or "new-cut wood" can be compounded by using newly-discovered micro-organisms. It is suggested that the organisms can be propagated in pure culture to obtain the concentrates. The English discoverer of these new materials points out that a distinct new field of odors can be developed.

U S I

A new alkali in the form of a non-volatile organic base is on the market. The product is sold as a 40% solution of a quarternary ammonium hydroxide derivative. It is said that the material neutralizes and forms salts with organic and inorganic acids. Complete dissociation takes place in water, and in certain cases it can replace stronger alkalis.

U S I

Application of labels to molded plastic containers may be facilitated by a new adhesive. The material is said to be resistant to alcohol and moisture. It is not affected by heat or dehydrating action.

U S I

Food industries may benefit by a new lamp which will kill all kinds of bacteria and mold spores. The lamp is of the ultra-violet type, operates at a low temperature, and is low in cost. The manufacturer also claims that conditioned air may be sterilized with the lamp and it can be utilized to "pasteurize" milk or beer.

U S I

Powdered dentifrices, made with a new base using an alkali metal pyrophosphate with tricalcium phosphate, are said to require less soap than those made with tricalcium phosphate alone. The curd which results when tricalcium phosphate and soap are used, is avoided when a small quantity of the new base is added. Customary flavors may be utilized.

U S I

A synthetic coating for metals is recommended for lining beverage and food containers. It is said to be non-toxic, odorless, non-porous, and tasteless. The material is elastic and metals coated with it can be bent or stamped without damaging the finish. Application may be made by roller coating or spraying.

U S I

A new emulsifier unit which mixes at the same time that it emulsifies has been introduced. Materials to be treated are subjected to large increases and dimunitions of pressure in rapid succession and finally are ejected through a small aperture. Operation is continuous and each part of the liquid is treated in the same way; thus insuring a uniform product.

U.S. INDUSTRIAL ALCOHOL CO.

WORLD'S LARGEST PRODUCERS OF INDUSTRIAL ALCOHOL

ETHYL ALCOHOL

SPECIALLY DENATURED-*All Formulas* • COMPLETELY DENATURED-*All Formulas* • ANHYDROUS-*Denatured* • ABSOLUTE-*Pure*
SOLOX-*The General Solvent* • U. S. I. *Pyro Brand* DENATURED ALCOHOL • SUPER PYRO *Anti-Freeze*
PURE (190 PROOF) TAX PAID—TAX FREE
U. S. I.—U. S. P.-*Ethyl* • WEBB'S-*Ethyl*

Executive Offices: 60 East 42nd Street, New York, N. Y. Branches in all Principal Cities.

Amyl mercaptan, dms., l.c.l., works..lb. 1.10 - —
Nitrite, bots.....lb. 1.80 - 1.85
Salicylate, cans.....lb. .65 - 1.25
Amylene, dms, c.l.....lb. .102 - —
l.c.l. .....lb. .11 - —
tanks .....lb. .09 - —
Anethol, bots.....lb. 1.05 - 1.10
Angelica root, dom., bls.....lb. .23 - .25
Import, natural, bls.....lb. .50 - .55
twisted, bls.....lb. .55 - .60
Angostura bark, bls.....lb. .33 - .35
Anilin oil, dms.....lb. .16½- .17½
tanks .....lb. .15 - —
Anise, Russian, bgs.....lb. .09 Nom.
Spanish, bgs.....lb. .09¾- .10
Star, bgs.....lb. .14 - .14½
Anisic aldehyde, bots.....lb.. 2.15 - 3.00
Annatto paste, bxs.....lb. .34 - .37
Seed, bgs.....lb. .07 - .08
Anthraquinone, 99.5%, subl., bbls. lb. .50 - .52
Antimony, butter (see Antimony chloride).
Chloride, solut., dom., cbys..lb. .13 - .17
Metal, dom., duty paid.....lb. .11¾- —
import., c.i.f.....lb. .13¼- —
Needle, powd., bbls.....lb. .11½- .12
Antimony, oxide, dom., bbls., c.l. lb. .12¾- .13
l.c.l. .....lb. .13½- —
imports, bbls.....lb. .13¾- —
Salts, 65 p.c., kgs.....lb. .22 - .25
Sulphuret, golden, bbls.....lb. .22 - .28
White pigment, bgs., Texas works, frt. alld. to ½c. lb. c.l. lb. .10¼- .12¼
Antipyrene, cns., ton lots.....lb. 2.00 - —
smaller lots .....lb. 2.10 - 2.15
Apomorphine, cns. .....oz. 23.70 -23.90
Archil extract, conc., bbls.....lb. .21 - .27
double, bbls. .....lb. .18 - .20
triple, bbls. .....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .11 - .12
Arecoline hydrobromide, bots., vis..oz. 5.50 - 5.75
Argols, crude, 30%, csks.....lb. .07 - .08
80-85%, csks.....lb. .14 - .15
Arnica flowers, bls.....lb .25 - .26
Root, bls.....lb. .38 - .40
Arrowroot, St. Vincent, powd., bgs..lb. .08½- .09
bbls. .....lb. .08¾- .09¼
Arsenic iodide (arsenous), bots., jars..lb. 5.15 - 5.20
Metal, lump, cs.....lb. .42 - .48
Red, import., cs.....lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs. c.l.....lb. .03½- —
l.c.l. .....lb. .04½- —
Japanese, cs.....lb. .03¾- .04¼
Arsenous chloride, liq., bot..lb. 1.85 - —
Asafetida, cs.....lb. .18 - .19
powd., bbls., bxs.....lb. .35 - .37
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton. 87.50 - —
5R, bgs., c.l. (20 tons), Canad. mines—ton. 35.00 - —
6D, bgs., c.l. (30 tons)..Canad. mines..ton. 27.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton. 23.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton. 21.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton. 17.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton. 14.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton. 12.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02½- —
smaller lots, f.o.b. N.Y..lb. .03½- —
AA, bgs., 20 tons, f.o.b. N. Y...lb. .08½- —
smaller lots, f.o.b. N. Y..lb. .10½- —
California, dms., c.l., f.o.b. N.Y. ton. 29.00 - —
l.c.l., f.o.b. N. Y.....ton. 36.50 - —
Cuban, A., bgs., c.l., f.o.b. N.Y. ton. 60.00 - —
l.c.l., f.o.b. N.Y.....ton. 90.00 - —
B, bgs., c.l., f.o.b. N.Y....ton. 35.00 - —
l.c.l., f.o.b. N.Y.....ton. 55.00 - —
Egyptian, bgs., c.l., f.o.b. N.Y. lb. .12 - —
l.c.l., f.o.b. N.Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Colo. points..ton. 32.90 - —
seconds, bgs., c.l., Colo. points .....ton. 25.50 - —
selects, bgs., c.l., Colo., Utah points..ton. 30.50 - —
l.c.l., f.o.b., or N.J. or N.Y., whse..ton. 49.50 - —
Maltha, dms., c.l., f.o.b. N.Y. ton. 29.00 - —
l.c.l., f.o.b. N.Y.....ton. 36.50 - —
Manjak (see Asphaltum, Barbados),
Mexican, Texas, dms., c.l., refinery..ton. 19.00 - —
l.c.l., refinery .....ton. 21.00 - —
tanks, refinery .....ton. 16.00 - —
Petroleum cut-back, bbls., l.c.l., refinery..gal. .13 - —
dms., c.l., refinery.....gal. .12 - —
tanks, Calif., refinery...gal. .05102- —
East Coast, Ill., Ind. refinery..gal. .06½- —
N. Orleans refinery....gal. .06 - —
Wyo., refinery .....gal. .07½- —
Atropine alkaloid, vis.....oz. 5.25 - 5.50
Sulphate, vis.....oz. 2.25 - 2.85

B

Balm of Gilead buds, bgs....lb. .21 - .23
Barberry bark, bgs.....lb. .10 - .11
Root bark, bls.....lb. .16 - .17
Barbital, cs. .....lb. 3.25 - 3.30
Barium carbonate, natural, 90%, grd., bgs., c.l., works, ton. 42.00 - —
99% 200 mesh, bgs., c.l., works..ton. 45.00 - —
precip., bgs. .....ton. 56.50 -61.00
Chlorate, kgs. .....lb. .15½- .17½
Chloride, CP., cryst., bbls...lb, .18 - .20
tech., dom., cryst., bbls., bgs., c.l., works..ton. 72.00 -74.00
l.c.l., delvd., N. Y..ton. 83.00 -87.00
Barium dioxide, dms.....lb. .11 - .15
Fluoride, bbls. .....lb. .15 - .16
Fluosilicate, bbls. .....lb. .15 - .16
Hydrate (see Hydroxide).
Hydroxide, bbls. .....lb. .05½- .07½
Iodide, bots. .....lb. 4.40 - 4.45
Monoxide (see Oxide).
Nitrate, csks. .....lb. .08¼- —
Oxide, dms. .....lb. .11 - .15
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls. .....lb. .13 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton. 23.65 - —
l.c.l., ex whse., Boston. ton. 36.00 - —
Chicago .....ton. 30.85 - —
Cleveland .....ton. 33.50 - —
New York .....ton. 32.00 - —
paper bgs., c.l., St. Louis. ton. 22.85 - —
Barytes, dom., floated, paper bgs., l.c.l., ex car, Baltimore. ton. 30.70 - —
Boston .....ton. 31.70 - —
Philadelphia .....ton. 30.50 - —
ex. whse., Baltimore. ton. 32.10 - —
Boston .....ton. 35.20 - —
Chicago .....ton. 30.85 - —
Cleveland .....ton. 33.00 - —
Detroit .....ton. 33.00 - —
Kansas City.....ton. 30.93 - —
Los Angeles.....ton. 42.00 - —
New York.....ton. 31.50 - —
Philadelphia .....ton. 31.90 - —
San Francisco.....ton. 42.00 - —
Toronto .....ton. 39.30 - —
Southern off color, bulk, mines..ton. 12.00 - —
93/95%, bulk, mines.....ton. 16.00 - —
German, grd., bbls., c.l., ex dock, t.a..ton. 24.00 - —
l.c.l., ex whse.....ton. 29.00 - —
ungrd., bulk, c.l., ex dock. ton. 13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton. 23.50 - —
l.c.l., ex whse.....ton. 32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Bay rum, import., bbls.....gal. .70 - .75
Bayberry bark, bgs.....lb. .07½- .08
Belladonna leaves, bls.....lb. .14 - .15
Root, bls. .....lb. .11 - .12
Bentonite, 1, 96% 300 mesh, bgs., Wyo. works..ton. 16.00 - —
2, 92%, 300 mesh, bgs., Wyo., works..ton. 11.00 - —
Benzaldehyde, tech., dms.....lb. .60 - .62
USP, IX, dms.....lb. 1.10 - 1.20
USP, X, dms.....lb. 1.30 - 1.35
Benzene (see benzol)
Benzidin base, bbls.....lb. .72 - .74
Benzol, 90%, dms., works.....gal. .23 - —
tanks, frt. alld. E. of Omaha, gal. .18 - —
nitration, dms, works.....gal. .24 - —
tanks, frt. alld. E. of Omaha, gal. .19 - —
pure, dms., works.....gal. .23 - —
tanks, frt. alld. E. of Omaha, gal. .18 - —
Benzol tank prices, West, f.o.b. sellers' works.
Benzoyl chloride, dms.....lb. .40 - .45
Peroxide, cns., works.....lb. 1.85 - —
Benzyl acetate, f.f.c., bots....lb. .55 - 1.00
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., tins..lb. .90 - 1.20
Chloride, 95-97%, refd., dms..lb. .30 - .40
tech., dms. .....lb. .25 - .26
Formate, cns. .....lb. 2.75 - 3.50
Benzylidin acetone, bots.....lb. 2.35 - 3.50
Berberine bisulphate, bots.....lb. 13.00 - —
Hydrochloride, bots. .....lb. 13.00 - —
Sulphate, bots. .....lb. 13.00 - —
Berberis root, bls.....lb. .09 - .10
Betanaphthol, subim., bbls....lb. .55 - —
tech., bbls. .....lb. .24 - .27
Benzoate, bxs., kgs.....lb. 2.35 - 2.50
Betanaphthylamine, tech., kgs..lb. .53 - .55
Beth root, bls.....lb. .10 - .11
Bismuth, chloride, bxs.....lb. 3.20 - 3.25
Citrate, USP, VIII, bxs.....lb. 2.65 - 2.70
Hydroxide, bxs.....lb. 3.15 - 3.20
Metal, ton lots.....lb. 1.00 - —
Nitrate, cryst., jars.....lb. 1.20 - 1.25
Oxychloride, bxs.....lb. 2.95 - 3.00
Subbenzoate, bxs.....lb. 3.25 - 3.30
Subcarbonate, flb. dms.....lb. 1.40 - 1.45
X-ray, bots., flb, dms.....lb. 2.60 - 2.65
Subgallate, bbls.....lb. 1.50 - 1.55
Subiodide, bots.....lb. 3.88 - 3.93
Subnitrate, powd., bots., flb. dms..lb. 1.30 - 1.35
Subsalicylate, 62-66%, bbls...lb. 2.35 - 2.40
Sulphocarbolate, bots.....lb. 3.00 - 3.05
Trioxide, powd., bxs.....lb. 3.45 - 3.50
Bismuth-ammonia citrate, USP, powd., cns..lb. 3.30 - 3.35
Bismuth-betanaphthol, bxs.....lb. 3.05 - 3.10
Black, bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .15 - —
l.c.l., frt. alld. E.....lb. .15½- —
1, bbls., bgs., c.l., frt. alld. E..lb. .11½- —
l.c.l., frt. alld. E.....lb. .12 - —
2, bbls., bgs., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
3, bbls., bgs., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
4, bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .06½- —
l.c.l., frt. alld. E.....lb. .07 - —
6, bbls., bgs., c.l., frt. alld. E..lb. .05½- —
l.c.l., frt. alld. E.....lb. .06 - —
7, bbls., bgs., c.l., frt. alld. E..lb. .08 - —
l.c.l., frt. alld. E.....lb. .08½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., works, .lb. .05 - —
l.c.l., dlvd. .....lb. .07½- —
ctns., l.c.l., dlvd.....lb. .08¾- —
cs., l.c.l., dlvd.....lb. .09 - —
2, bgs., c.l., works.....lb. .08¼- —
l.c.l., dlvd. .....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd. .....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .27½- —
l.c.l., dlvd. .....lb. .30 - —
cs., l.c.l., dlvd.....lb. .32 - —
5, bgs., c.l., works.....lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .55 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., delvd. rail zone A (Gulf ports), for delivery in N.A. (water freights extra). lb. .0445 - —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0475 - —
50,000 lbs., dlvd., Zone C (Pac. Cst. States)..lb. .0490 - —
30,000 lbs., dlvd., Zone C (Pac. Cst. States)..lb. .0505 - —
c.l., dlvd. rail zone:—
D (Ill., Ia., Wis.)....lb. .0490 - —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)..lb. .0505 - —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .0535 - —
G (Mexico) .....lb. .0330 - —
l.c.l. dlvd. all zones....lb. .07 - —
ctns., dlvd. all zones.....lb. .07¾- —
cs., dlvd. all zones.....lb. .08¼- —
export, full, comprsd., cs., f.a.s. Gulf ports..lb. .05½ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .06 Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works...lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Black, ivory, genuine, bbls....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works.....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works .....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
Import, 1, bbls., c.l., f.o.b. N. Y..lb. .08 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls., c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b. N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N.Y..lb. .14 - —
l.c., f.o.b. N. Y. ...lb. .15 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y. ...lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N.Y.lb. .04½- —
B, bbls., works or N. Y....lb. .05½- —
Black dyes are listed under Dyes.
Black haw root bark, bls.....lb. .20 - .21
Tree bark, bls.....lb. .11 - .13
Black Indian hemp root, bls...lb. .12 - .13
Blanc fixe, dry, by-product, bgs., c.l..ton. 60.00 -65.00
l.c.l. .....ton. 65.00 -70.00
high grade precip., bgs. c.l., works, frt. equal..ton. 70.00 - —
l.c.l., same basis.....ton. 75.00 - —
pulp, 66⅔%, bulk, c.l., works, ton. 40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.25
l.c.l., works.....100 lbs. 2.25 - 2.60
Blood, dried, dom., 16-17% ammon., bulk, f.o.b. N Y unit-ton. 2.90 - 3.00
high-grade, grd., 16-17% ammon., bulk, f.o.b. Chi. unit-ton. 3.25 - 3.50
import, bgs., c.i.f. ports, July shipt..unit-ton. 2.95 - 3.00
soluble (see Albumen, blood)
Bloodroot, bls. .....lb. .12 - .13
Blue, alkali, toner, bbls., dlvd. N of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. .90 - —
Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1¾c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
Bronze, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Celestial, bbls.....lb. .10 - .13
Chinese, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
imitation (see Blue, ultramarine, group 6).
Milori, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Potash, bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .47 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Soluble, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38¾- —
Ultramarine, dry, jobbing, bbls., works, frt. equald..lb. .10 - —
regular, 1, bbls., works, frt. equald..lb. .15 - —
2, bbls, same basis.....lb. .17 - —
3, bbls., same basis.....lb. .19 - —
4, bbls., same basis.....lb. .19 - —
5, bbls., same basis.....lb. .22 - —
6, cobalt, A., same basis.lb. .26 - —
B, bbls., same basis..lb. .23 - —
C, bbls., same basis..lb. .22 - —
D, bbls., same basis..lb. .21 - —
7, A, bbls., same basis..lb. .22 - —
B, bbls., same basis...lb. .21 - —
special, 1, bbls., same basis. lb. .18 - —
2, bbls., same basis.....lb. .19 - —
3, bbls., same basis.....lb. .21 - —
4, bbls., same basis.....lb. .22 - —
5, bbls., same basis.....lb .24 - —
6, bbls., same basis.....lb. .28 - —
pulp, 1, bbls., same basis...lb. .26 - —
2, bbls., same basis.....lb. .24 - —
3, bbls., same basis.....lb. .22 - —
4, bbls. same basis.....lb. .19 - —
Ultramarine blue dlvd ex whse. is 1c. higher; Pac. coast ex whse., 2c. higher; 100-lb. kgs. 1c. above bbls.; 28-lb. boxes, 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed unler Dyes.
Blue mass, USP., cns., kgs....lb. .89 - .91
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. N.Y., Chicago, Copper Hill, Tenn. 100 lbs. 4.00 - —
16-25, same basis.100 lbs. 4.15 - —
6-15, same basis...100 lbs. 4.25 - —
3-5, same basis...100 lbs. 4.50 - —
1-2, same basis...100-lbs. 4.70 - —
monohydrated, dms., c.l., dealers, E. of Rockies...lb. .08 - .081
jobbers, E. of Rockies..lb. .08 - .081
l.c.l., dealers, E. of Rockies..lb. .09 - .092
jobbers, E. of Rockies..lb. .085 - .086
Blueflag root, bls.....lb. .14 Nom.
Bluestone (see Blue vitriol)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b Chicago..ton. 22.00 -25.00
c.i.f. Atlantic ports..ton. 21.00 -23.00
S.A., bgs., c.i.f. ports..ton. 26.00 -26.50
steamed, dom., 1½% ammon., 60% phos., bgs., f.o.b. Chicago..ton. 16.00 -17.00
import., 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton. 23.00 -
Meal, steamed, dom., 3% ammon., 50% phos., bgs., f.o.b. Chicago..ton. 18.00 -19.00
import, 100-lb. bgs., c.i.f. ports..ton. 23.00 - —
Phosphate, precip. (see Calcium phosphate dibasic, precip.).
Borage flowers, bls.....lb. .20 - .21
Borax, tech., 99½%, cryst., bbls., contracts, 80 tns min., dlvd..ton. 56.00 - —
c.l., dlvd.....ton. 60.00 - —
l.c.l., ex whse.....ton. 65.00 -70.00
sks., contracts, 80 tons min., dlvd..ton. 46.00 - —
c.l., dlvd.....ton. 50.00 - —
l.c.l., ex whse.....ton. 55.00 -60.00

Amyl Mercaptan—Calamus

Borax, tech., 99½% gran., bbls., contracts, 80 tons min., dlvd..ton. 50.00 - —
c.l., dlvd.....ton. 54.00 - —
l.c.l., ex whse.....ton. 59.00 -64.00
sks., contracts, 80 tons min., dlvd..ton. 40.00 - —
c.l., dlvd.....ton. 44.00 - —
l.c.l., ex whse.....ton. 49.00 -54.00
powd., bbls., contracts, 80 tons min., dlvd..ton. 55.00 - —
c.l., dlvd.....ton. 59.00 - —
l.c.l., ex whse.....ton. 64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton. 45.00 - —
c.l., dlvd.....ton. 49.00 - —
l.c.l., ex whse.....ton. 54.00 -59.00
USP., $15 per ton higher.
Bordeaux mixture, cs., dms., tins, c.l., dealers, East..lb. .08¼- .14¾
West .....lb. .09 - .11
jobbers, East.....lb. .08 - .14½
West .....lb. .08 - .10
l.c.l., dealers, East, 1,000 lbs. and over..lb. .08¾- .15¾
101 to 999 lbs.....lb. .09¾- .16¾
100 lbs. or less.....lb. .10¾- .18¾
West .....lb. .09¼- .11½
jobbers, East.....lb. .08¾- .14¾
West .....lb. .08¾- .10½
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots.....lb. 1.75 - 2.00
Brasilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., c.l., works..lb. .32 - —
1,000 lbs., works.....lb. .33 - —
smaller lots, works.....lb. .43 - —
Bromoform, USP., jars.....lb. 1.75 - 1.90
Bronze powder, aluminum (See A).
Gold, litho, cns., dms., over 10 lbs..lb. .40 - .60
moulding, cns., dms., over 10 lbs..lb. .55 - .80
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .10 - .11
Brown, iron oxide, pure precip., csks., f.o.b. N.Y. or works..lb. .12¾- —
Metallic, bbls., works.....lb. .02 - —
paper bgs., c.l., works. ....lb. .018¾- —
Sienna, burnt, American, bbls., works..lb. .08 - —
Italian, 1, bbls., f.o.b. N.Y. or Pa. points.....lb. .12 - —
2, bbls., same basis.....lb. .11 - —
3, bbls., same basis.....lb. .10 - —
4, bbls., same basis.....lb. .08½- —
5, bbls., same basis.....lb. .08¼- —
6, bbls., same basis.....lb. .08 - —
7, bbls., same basis.....lb. .07¾- —
8, bbls., same basis.....lb. .07½- —
9, bbls., same basis.....lb. .07 - —
10, bbls., same basis.....lb. .06¾- —
11, bbls., same basis.....lb. .06½- —
12, bbls., same basis.....lb. .06 - —
13, bbls., same basis.....lb. .05¾- —
14, bbls., same basis.....lb. .05½- —
raw, American, bbls., works.lb. .03¾- —
Italian, 1, bbls., f.o.b. N.Y. or works.....lb. .12½- —
2, bbls., same basis.....lb. .10¾- —
3, bbls., same basis.....lb. .10¼- —
4, bbls., same basis.....lb. .09½- —
5, bbls., same basis.....lb. .09¾- —
6, bbls., same basis.....lb. .09¼- —
7, bbls., same basis.....lb. .07½- —
8, bbls., same basis.....lb. .07 - —
9, bbls., same basis.....lb. .06½- —
10, bbls., same basis.....lb. .06¾- —
11, bbls., same basis.....lb. .04¾- —
Umber, American, bbls., works. lb. .02¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N. Y.....lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock Portland, San Francisco, Seattle..lb. .04¾- —
ex whse. Boston.....lb. .04¼- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle lb. .04¾- —
Minneapolis .....lb. .04¾- —
Pittsburgh .....lb. .04½- —
Vandyke, bbls., l.c.l.....lb. .05¾- —
Walnut crystals, bbls.....lb. .06 - —
Brucine, cns.....oz. .12 - .13
Sulphate, cns.....oz. .08 - .09
Bryonia root, bls.....lb. .09 - .10
Buchu leaves, bls.....lb. .75 - .80
Buckthorn bark, true, bls.....lb. .04 - .05
Berries, bgs.....lb. .19 - .20
Burdock root, bls.....lb. .09½- .10
Burgundy pitch, dom., bbls., c.l., works..lb. .03½- —
l.c.l., dlvd. E.....lb. .05 - —
import., stands.....lb. .11 - .13
Butanes, coml., 16-32°, tanks, group 3..gal. .02¼- .02¾
Butternut bark, bls.....lb. .06½- .07
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .09½- —
l.c.l., contract, frt. alld.lb. .10 - —
tanks, contract, frt. alld.lb. .08½- —
secondary, dms., c.l., f.o.b. dest..lb. .03½- —
l.c.l., f.o.b. dest.....lb. .09 - —
tanks, f.o.b. dest.....lb. .07½- —
Alcohol (see Alcohol)
Aldehyde, dms., c.l., works..lb. .19 - —
l.c.l., works.....lb. .21 - —
Carbinol (see Carbinol)
Lactate, dms.....lb. .23½- .23¾
Propionate, dms., dlvd.....lb. .18 - .18½
tanks, dlvd.....lb. .17 - —
Butyric ether, dms.....lb. .80 - .85

C

Cadmium bromide, bots., jars.lb. 1.54 - 1.59
Iodide, bots., jars.....lb. 3.75 - 3.80
Lithopone (see Yellow)
Metal, cs.....lb. 1.05 - —
Red (see Red)
Sulphide (see Yellow)
Caffeine, cns., cs., less than 1,000 lbs., contract..lb. 2.29 - 2.30
dms., 1,000 lbs. or over, contract..lb. 2.15 - —
Citrated, cns.....lb. 1.70 - 1.75
Hydrobromide, bots., jars...lb. 4.52 - 4.57
Calabar beans, bgs.....lb. .35 - .14
Calamus root, bleached, cs.....lb. .40 - .42

Calcium Acetate—Dyes

Calcium acetate, bgs., dlvd. 100 lbs. 2.10 - —
Arsenate, dms., c.l., consumers, S. .lb. .06½- —
dealers, E. of Rockies .lb. .06¼- —
South .lb. .06¼- —
jobbers, E. of Rockies .lb. .06 - —
South .lb. .06 - —
l.c.l., consumers, S. .lb. .07¼- —
dealers, E. of Rockies, 1,000 lbs. or over .lb. .06¾- —
101 to 999 lbs. .lb. .07¾- —
100 lbs. or less .lb. .08¾- —
South .lb. .06¾- —
jobbers, E. of Rockies .lb. .06¾- —
South .lb. .06¾- —
Calcium arsenate prices are works or whse basis, frt. alld. to dest. in lots of 90 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, jar .lb. .60 - .62
Carbide, dms. .lb. .05 - .06
Carbonate (see Chalk and Whiting)
Chlorate, flake, dom., 77-83%, bgs., dms., c.l., dlvd. ton. 22.00 -35.00
l.c.l., 1 ton or over, dlvd. 100 lbs. 1.70 - 2.25
liquor, basis 40%, tanks, works ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd. ton. 20.00 -32.00
l.c.l., 1 ton or over, dlvd. 100 lbs. 1.60 - 2.25
Gluconate, pharm., gran., powd., bbls. (125 lbs.) .lb. .50 - —
25 lbs. .lb. .57 - —
Glycerophosphate, bbls., kgs., 100 lbs. .lb. 1.15 - —
Hypophosphite, ons. .lb. .62 - .67
Iodide, bots., jars .lb. 3.70 - 3.75
Lactate, USP, bbls. .lb. .25 - .26
Nitrate, bgs., to fert. mfrs., ex vessel .ton. 24.25 -25.00
Palmitate, bbls. .lb. .21 - .22
Phosphate, dibasic, precip., 38-42% P_2O_5, c.l.f. Atlantic ports .unit-ton. .62 - —
Resinate precip., bbls., 1 ton .lb. .13 - —
smaller lots .lb. .14 - —
Stearate, precip., bbls., ctns., c.l. .lb. .18 - —
1 ton .lb. .19 - —
smaller lots .lb. .20 - —
Sulphate (see Gypsum)
Sulphide, 75%, CaS (minus 100 mesh), c. l., works .ton. 52.00 - —
l.c.l. works .ton. 56.00 - —
83/85 CaC c.l., works .ton. 58.00 - —
l.c.l., works .ton. 64.00 - —
luminous, dom., tins, works, lb. .75 - —
Sulphocarbolate, cs. .lb. .47 - .48
Calendula flowers, bls. .lb. .60 - .65
Calomel, bxs., kgs. .lb. 1.08 - —
Camphor, natural, powd., cs. .lb. .55 - .56
slabs, cs. .lb. .55 - .56
tablets, tins .lb. .59 - .60
synthetic, dom., imp., gran., powd., bbls., 2,000 lbs. .lb. .50¼- —
500 lbs. .lb. .62¼- —
100 lbs. .lb. .63¼- —
tablets, cs, 2,000 lbs. .lb. .55 - —
500 lbs. .lb. .57 - —
100 lbs. .lb. .58 - —
Monobromate, bxs., kgs. .lb. 1.60 - 1.65
Canada balsam (see Fir balsam)
Canary seed, Argentine, bgs. .lb. .07 - .07¾
Morocco, bgs. .lb. .07¼- .07½
Turkish, bgs. .lb. .07¼- .07¾
Canella alba bark, bls. .lb. .37 - .38
Cannabis herb, bls. .lb. .15 - .16
Cantharides, Chinese, cs. .lb. .60 - .65
powd., bxs. .lb. .85 - .90
Russian, cs. .lb. 1.50 - 1.55
powd., bxs. .lb. 1.80 - 1.85
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs. .lb. .08 - .08½
Carbazole, 70-80%, dms. .lb. .60 - —
90%, dms. .lb. .80 - —
90-95%, dms. .lb. .92 - —
Carbinol, butyl, norm., dms., works .lb. .60 - —
small lots, works .lb. .75 - —
secondary, dms., works .lb. .60 - —
small lots, works .lb. .75 - —
Diethyl, dms., works .lb. .60 - —
small lots, works .lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works .lb. .53 - —
l.c.l., works .lb. .54 - —
tanks, works .lb. .52 - —
Methylpropyl, dms., works .lb. .60 - —
smaller lots, works .lb. .75 - —
Dimethylethyl, dms., works .lb. .60 - —
small lots, works .lb. .75 - —
Carbon bisulphide, dms. .lb. .05¼- .06½
tanks .lb. .04½- —
Dioxide, cyls. .lb. .06 - .08
Tetrachloride, 55-gal. or 110-gal., dms., c.l. (20 tons), frt. alld. E. of Miss. river, N. of Ohio river, including Ky., Va., W. Va. .lb. .06¼- —
l.c.l., same basis .lb. .06¾- —
10-gal. dms., c.l. (20 tons), same basis .lb. .07 - —
l.c.l., same basis .lb. .08½- —
5-gal. dms., c.l. (20 tons), same basis .lb. .07 - —
l.c.l., same basis .lb. .08½- —
tanks, same basis .lb. .05 - —
Fire extinguisher liquid, 2½c. lb. higher.
Cardamom, bleached, cs. .lb. 1.30 - 1.50
decorticated, cs. .lb. 1.15 - 1.25
green, bgs. .lb. .92 - .95
Carvol, bots. .lb. 4.00 - 4.25
Cascara sagrada bark, bulk .lb. .12 - .13
Case-hardening mixture, 45%, gran., dms., l.c.l. .lb. .11¾- —
lump, dms., l.c.l. .lb. .10¾- —
80%, lump, dms., l.c.l. .lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd. .lb. .15¾- .16
5 tons, works .lb. .16¾- —
smaller lots, works .lb. .17¼- —
80-100 mesh, bgs, c.l., dlvd. .lb. .16¼- .16¾
5 tons, works .lb. .17¼- —
smaller lots, works .lb. .17¾- —
Import, Argent., 20-30 mesh, bgs., c.l., duty pd. .lb. .15¾- —
80-100 mesh, bgs., c.l., duty pd. .lb. .16 - —
French, 30 mesh, bgs., c.l., duty pd. .lb. .17 - .18
Cassia, Batavia, 1, bgs. .lb. .13½- .14
3, bls. .lb. .07¼- .07½
short stick, bls. .lb. .12 - .12½
China, rolls, select, cs. .lb. .05¾- .06¼
broken, extra, bls. .lb. .03¾- .04
Saigon, cs. .lb. .17½- .18
Cassia buds, cs. .lb. .13½- .14
Cassia fistula, bskts. .lb. .15 Nom.
Castile soap, white, bars, cs. 40 lbs. 20.00 - —
powd., bbls. .lb. .22 - .23
Castoreum, nat., cns. .lb. 15.00 -18.00
synth., bots. .lb. 19.00 - —
Castor oil (see Oil, castor)
Pomace, dom., 5½% ammon., bgs., c.l., works .ton. 15.50 - —
import, bgs., c.i.f. ports, shipment .ton. 17.00 - —
Catnep leaves, bls. .lb. .18 - .19
Celery seed, French, bgs. .lb. .20 - .20½
Indian, bgs. .lb. .13 - .13½
Celluloid scrap, amber, cs. .lb. .12 - .13
black, cs., works .lb. .08 - .09
China white, ivory, cs., works, lb. .12 - .13
dense white, cs., works .lb. .11 - .12
grey, cs., works .lb. .09 - .10
mixed, mottles, opaques, cs., works .lb. .05 - —
shell-demi, cs., works .lb. .09 - .10
translucent pastels, cs., works, lb. .13 - 14
transparent, cs., works .lb. .12 - .13
colors, cs, works .lb. .08 - .09
Shavings, amber, cs., works .lb. .13 - —
colored, mixed, cs., works .lb. .09 - —
white, cs., works .lb. .12 - —
Cellulose acetate, flake, cs., 2,000 lbs., works .lb. .55 - —
1,000 lbs., works .lb. .56 - —
500 lbs., works .lb. .57½- —
100 lbs., works .lb. .60 - —
scrap, transparent, bgs, works lb. No stocks
Cement, white, bbls. (4 bags), 5 tons, dlvd. N.Y. .bbl. 6.10 - —
truck dlvy. .bbl. 7.40 - —
less than 5 tons, truck dlvy. bbl. 8.00 - —
Cerium hydrate, dms., works .lb. .65 - —
Oxalate, USP, bbls., works .lb. .28 - —
kgs., works .lb. .30 - —
Chalk, precip., ext. light, csks., c.l. .lb. .03 - .04
heavy, csks., c.l. .lb. .03 - .04
light, csks., c.l. .lb. .03 - .04
Chamomile flowers, Hungarian, genuine, cs. .lb. .23 - .24
Roman, bls. .lb. .28 - .30
Charcoal, softwood, powd., 80-100 mesh, bgs., c.l., dlvd. Ala., Del., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va. .ton. 25.40 - —
Ariz., Utah .ton. 30.00 - —
Ark., Ill., Ind., Iowa, Kan., La., Minn., Mo., Neb., Okla., Wis. ton. 25.00 - —
Colo. .ton. 28.00 - —
Conn., Me., Mass., N. H., R. I., Vt. .ton. 25.80 - —
Mich., Ohio, Penn. .ton. 24.80 - —
N. D., S. D. .ton. 26.00 - —
Texas .ton. 24.00 - —
El Paso .ton. 26.00 - —
l.c.l., works .ton. 18.00 - —
Willow, powd., bbls. .lb. .08 - .07
Chestnut extract, clarif., 25% tan., bbls. .lb. .01625- —
tanks .lb. .02 - —
powd., bgs., works .lb. .04¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., airfloat., 90-75% 800 mesh, bgs., c.l., works .ton. 8.50 - —
l.c.l., works .ton. 9.00 -15.00
bulk, c.l., works .ton. 6.00 - —
99.75% 200 mesh, bgs., c.l., works .ton. 7.50 - —
l.c.l., works .ton. 8.50 -14.50
wet-grd., silk-bolt., 99.9% 325 mesh, bulk, c.l., works .ton. 8.00 - —
paper bgs., c.l., works, ton. 10.50 - —
import., white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila. ton. 22.00 -25.00
powd., csks., l.c.l., ex dock ton. 25.00 - —
ex whse. .ton. 27.50 - —
Chloral hydrate, bots., 1,000 lbs. .lb. .23 - .23
500 lbs. .lb. .26 - .26
100 lbs. .lb. .28 - .28
25 lbs. .lb. .30 - .30
1-10 lbs. .lb. .25 - 1.02
dms., 1,000 lbs. .lb. .20 - —
500 lbs. .lb. .22 - —
100 lbs. .lb. .25 - —
Chlorine, liq., cyls., c.l., divd., N.Y. .lb. .05½- —
contracts, divd., N.Y. .lb. .05¾- —
l.c.l., divd., N.Y. .lb. .07½- —
tanks, single unit, works, frt. equald. 100 lbs. 2.15 - —
multiple unit, 4 or over, wks., frt. equald. 100 lbs. 2.20 - —
1-3, works, frt. equald. 100 lbs. 2.25 - —
Chloroacetophenone, tins, works .lb. 2.00 - —
Chloroform, tech., 650-lb. drums, lb. .20 - —
100-lb. dms. .lb. .22 - —
50-lb. tins .lb. .28 - —
USP, 650-lb. dms. .lb. .20 - —
100-lb. dms. .lb. .22 - —
50-lb. dms. .lb. .23 - —
Chloropicrin, comi., cyls., works, lb. .60 - .90
Chrome acetate, bbls. .lb. .05 - .08
Cake, bulk., c.l., works .ton. 11.00 -12.00
Green (see Green, chrome)
Oxide (see Green, chrome oxide)
Sulphate, pearls, bxs., cns., fib. dms. .lb. .40 - .45
powd., bxs., cnt., fib. dms. .lb. .45 - .50
scales, bxs., cns., fib. dms. .lb. .45 - .50
Trioxide (see Acid, chromic)
Yellow (see Yellow, chrome)
Chrysarobin, cns. .lb. 2.25 - 2.30
Cinchona bark, Dutch, chips, bgs. lb. .17 - .18
high test, bgs. .lb. .35 - .45
quills, broken, bgs. .lb. .17 - .18
long, cs. .lb. .55 - .60
short, bgs. .lb. .50 - .55
Ecuador, tubes. .lb. .16 - .17
Cinchonidine, cryst., powd., cns. oz. .80 - .87
Sulphate, cns. oz. .47 - —
Cinchonine, cryst., powd., cns. oz. .50 - .58
Sulphate, cns. oz. .34 - —
Cinchophen, USP., bbls. .lb. 2.64 - —
bxs., dms., kgs. .lb. 2.75 - 2.90
Cinnamic alcohol (see Alcohol, cinnamic)
Aldehyde, f.f.c., bots. .lb. 1.55 - 2.00
Cinnamon, Ceylon, 2, bls. .lb. .16 - .16½
3, bls. .lb. .15¼- .15¾
Citral, cns. .lb. 1.75 - 2.15
Citrine ointment, jars, tubes .lb. .57 - —
Citronellal, bots. .lb. 1.25 - 1.50
Citronellol, bots. .lb. 1.90 - 2.15
Clove, Madagascar, bls. .lb. .13½- .14
Zanzibar, bls. .lb. .14 - .14½
Clover tops, bls. .lb. .12 - .13
Coaltar, coal-gas, crude, bbls., c.l., works .bbl. 7.35 - —
l.c.l., works .bbl. 8.00 - —
tanks, works .gal. .07 - .09
refd., bbls., c.l., works .bbl. 7.75 - —
l.c.l., works .bbl. 8.50 - —
tanks, works .gal. .08 - .10
water-gas, crude, dms., c.l., works .dm. 6.75 - —
l.c.l., works .dm. 7.50 - —
tanks, works .gal. .07 - .08
refd., dms., c.l., works .dm. 7.25 - —
l.c.l., works .dm. 8.00 - —
tanks, works .gal. .08 - .09
Cobalt acetate, bbls., dlvd. .lb. .58 - .60
kgs., dlvd. .lb. .65 - —
Carbonate, tech., bbls., dlvd. .lb. 1.42½- —
Chloride, dms., works .lb. .67¾- .72¾
Hydrate, bbls. .lb. 1.66 - 1.70
Linoleate, paste, 6%, dms. .lb. .31¼- —
solid, 8½%, bbls. .lb. .32½- —
Oleate, bbls. .lb. .28 - —
Oxide, black, kgs. .lb. 1.41 - 1.51
Resinate, fused, A, bbls. .lb. .13 - —
1%, bbls. .lb. .12¼- —
2%, bbls. .lb. .16¼- .17
3%, bbls. .lb. .17½- .18
precip., dms., dlvd. .lb. .30½- —
Sulphate, dms. .lb. .51 - .53
Cocaine hydrochloride, cns. oz. 9.75 -10.00
Cochineal, gray, bgs. .lb. .32 - .36
Teneriffe, silver, bgs. .lb. .33 - .37
Cocillana bark, bgs. .lb. .20 - .21
Cocoa butter, lump, bgs. .lb. .15 - .15¼
Codeine, cns., 100 ozs. .oz. 11.70 -12.45
Hydrochloride, cns., 100 ozs. .oz. 10.50 -10.85
Phosphate, cns., 100 ozs. .oz. 9.00 - 9.05
Sulphate, cns., 100 ozs. .oz. 9.50 - 9.55
Codliver oil (see Oil, codliver)
Cohosh, black, root, bls. .lb. .07 - .07½
Blue, root, bls. .lb. .06 - .06½
Colchicine, vls. .oz. 24.00 -25.00
Colchicum seed, bgs. .lb. .25 - .26
Collodion, USP, dms. .lb. .12 - .13
Flexible, USP, dms. .lb. .14 - .15
Colocynth pulp, bls. .lb. .60 - .65
Colombo root, bls. .lb. .11 - .12
Coltsfoot leaves, bgs. .lb. .08 - .09
Condurango bark, bgs. .lb. .09 - .10
Conium leaves, bls. .lb. .14 - .15
Copaiba balsam, Para, cns. .lb. .19 - .20
S.A., USP, cns. .lb. .21 - .22
Copper carbonate, 52-56%, bbls. .lb. .14½- .16¼
18-20%, bbls. .lb. .07 - .08
Chloride, bbls. .lb. .17 - .18
Cyanide, tech., bbls. .lb. .37 - .39
Iodide, bots. .lb. 4.97 - 5.02
Metal, electrolytic .lb. .09½- —
Oleate, precip., bbls. .lb. .20 - —
Oxide, black, bbls., tons, works, lb. .14½- —
smaller lots, works .lb. .15 - —
Red, com'l, 50-75%, kgs., c.l., f.o.b. N.Y. .lb. .14 - —
l.c.l., f.o.b. N. Y. .lb. .15 - —
Resinate, precip., bbls. .lb. .18 - .19
Stearate, precip., bbls. .lb. .35 - .40
Sulphate (see Blue vitriol)
Copperas, cryst., gran., bgs., c.l., works .ton. 14.00 -15.00
bbls., c.l., works .ton. 16.00 -17.00
l.c.l., 25 or over, works, 100 lbs. 1.35 - —
5-24, works .100 lbs. 1.50 - —
1-4, works .100 lbs. 2.00 - —
bulk, c.l., works .ton. 12.00 -13.00
Copra, bgs., Pacific Coast .lb. .0265- .0275
Coriander seed, Morocco, bgs. .lb. .07 - .07½
bleached, bgs .lb. .08 - .08½
Russian, bgs .lb. No stocks.
Corn sugar, tanner's, bbls., dlvd. 100 lbs. 3.63 - —
ex whse. .100 lbs. 3.53 - —
Syrup, 42°, bbls. .100 lbs. 3.55 - —
43°, bbls. .100 lbs. 3.65 - —
Cornsilk, bls. .lb. .07½- .08
Corrosive sublimate, bxs., fib. dms., kgs. .lb. .81 - .86
Cottonroot bark, bls. .lb. .11 - .12
Cottonseed hull ash, 25-30% potash, bulk, dlvd. .unit-ton. 1.00 - —
Coumarin, cns. .lb. 3.10 - 3.25
Cramp bark, genuine, bls. .lb. .20 - .21
so-called, bls. .lb. .07 - .08
Cranesbill root, bls. .lb. .09 - .10
Cream tartar, cryst., bbls. .lb. .17¼- .17½
kgs. .lb. .17¾- .18
gran., bbls. .lb. .16¾- .17¼
kgs. .lb. .17¼- .17½
powd., bbls. .lb. .16¾- .17¼
kgs. .lb. .17¼- .17½
Creosote, wood, beech., bots. .lb. .70 - .75
pine, dms. .gal. .38 - —
USP, bots. .lb. .45 - .47
Carbonate, bots., cbys. .lb. 1.40 - 1.75
Oil, crude, I, tanks, works .gal. .12½- .13½
II (coaltar solution), tanks, works .gal. .109 - .12
refd., bbls., c.l., works .gal. .22½- —
l.c.l., works .gal. .25 - —
tanks, works .gal. .18 - .18½
Cresol, USP., dms. .lb. .10 - .10½
Crotonaldehyde, tech., dms., c.l., works .lb. .26 - —
l.c.l., works .lb. .30 - —
Cube root, powd., 5% rotenone, bbls., 5 tons, E. of Rockies, f.o.b. N. Y., Balto. .lb. .33¼- —
1 ton, same basis .lb. .35 - —
1,000 lbs., same basis .lb. .36 - —
1 bbl., same basis .lb. .38 - —
4% rotenone, bbls., 5 tons, same basis .lb. .28¼- —
1 ton, same basis .lb. .30 - —
1,000 lbs., same basis .lb. .31 - —
1 bbl., same basis .lb. .33 - —
3% rotenone, bbls., 5 tons, same basis .lb. .24¼- —
1 ton, same basis .lb. .26 - —
1,000 lbs, same basis .lb. .27 - —
1 bbl., same basis .lb. .29 - —
Cubeb berries, XX, bgs. .lb. .37 - .38
powd., cs .lb. .40 - .41
Culver's root, bls .lb. .16 - .17
Cumin seed, Algerian, bgs. .lb. .11 - .11½
Indian, bgs. .lb. .11 - .11½
Morocco, bgs. .lb. .11¾ Nom.
Cutch, Philippine, bls., c.l. .lb. .04 - —
Cyanamid, 21-22% N., dom., pulv., bgs., f.o.b. Gulf ports, dlvd. interior, NH_3 unit. 1.07½- —
Atlantic ports, NH_3 unit. 1.03 - —
Cyanide-chloride mixture, 75%, gran., dms. .lb. .16 - .17
lump, dms. .lb. .14 - .15

D

Damiana leaves, bls. .lb. .14 - .15
Dandelion root, German, bls. .lb. .17 - .18
Deertongue leaves, bls. .lb. .10 - .12
Degras, common, dom., bbls., c.l., works .lb. .05¼- .05¾
l.c.l., works .lb. .05¾- .06
English, bbls. .lb. .04¾- .05¼
Japanese, bbls. .lb. .06½- .07
neutral, dom., bbls. .lb. .08½- .10½
English, bbls. .lb. .09 - .09½
Derris root, powd., 5% rotenone, bbls., 5 tons, E. of Rockies, f.o.b. N. Y., Balto. .lb. .43 - —
1 ton, same basis .lb. .44 - —
1,000 lbs., same basis .lb. .46 - —
1 bbl., same basis .lb. .48 - —
4% rotenone, bbls., 5 tons, same basis .lb. .37 - —
1 ton, same basis .lb. .38 - —
1,000 lbs., same basis .lb. .40 - —
1 bbl., same basis .lb. .42 - —
3% rotenone, bbls., 5 tons, same basis .lb. .32 - —
1 ton, same basis .lb. .33 - —
1,000 lbs., same basis .lb. .35 - —
1 bbl., same basis .lb. .37 - —
Dextrin, British gum, bgs., c.l., f.o.b. Chicago .100 lbs. 4.25 - —
l.c.l., f.o.b. Chicago .100 lbs. 4.55 - —
Corn, canary, bgs., c.l., f.o.b. Chicago .100 lbs. 4.00 - —
l.c.l., f.o.b. Chicago .100 lbs. 4.20 - —
white, bgs., c.l., f.o.b. Chicago 100 lbs. 3.95 - —
l.c.l., f.o.b. Chicago .100 lbs. 4.15 - —
Potato, import., bgs. .lb. .07¾- .08¾
Tapioca, bgs., ex whse. .lb. .08 - —
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works .lb. .092 - —
tanks, works .lb. .075 - —
Phthalate, dms., c.l., dlvd. .lb. .19 - —
l.c.l., dlvd .lb. .19½- —
5-gal. dms., works .lb. .23 - —
tanks, dlvd .lb. .18 - —
Sulphide, dms., l.c.l., works .lb. 1.10 - —
Diamylamine, dms., l.c.l., works lb. .75 - —
Diamylene, dms., c.l., works .lb. .095 - —
l.c.l., works .lb. .102 - —
tanks, works .lb. .085 - —
Dianisidin, bbls. .lb. 2.35 - 2.45
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton. 22.00 -35.00
l.c.l., ex whse. .ton. 45.00 -150.00
import., bgs., c.l., f.o.b. N.Y. ton. 40.00 - —
Dibutyl phthalate, dms. .lb. .18 - .18½
Tartrate, dom., dms. .lb. .35 - .40
import., dms. .lb. .80 - .85
Dicalcium phosphate (see Calcium phosphate, dibasic)
Dichloroethyl ether, dms., c.l., works .lb. .16 - —
l.c.l., works .lb. .17 - —
tanks, works .lb. .15 - —
Dichloropentanes, dms., c.l., works .lb. .032 - —
l.c.l., works .lb. .04 - —
tanks, works .lb. .025 - —
Diethanolamine, dms. .lb. .81 - .85
Diethyl carbonate, coml., dms. .lb. .31¾- —
refd., 99%, dms. .lb. .50 - —
Carbinol (see Carbinol)
Phthalate, dms., c.l. .lb. .18½- —
l.c.l. .lb. .19 - —
tanks .lb. .17¼- —
Diethylaniliin, dms. .lb. .53 - .54
Diethylene oxide, dms., c.l., works lb. .20 - —
l.c.l., works .lb. .21 - .24
tanks, works .lb. .19 - —
Diethyleneglycol, dms., c.l., works lb. .16¼- —
l.c.l., works .lb. .17¼- —
Monobutylether, dms., works .lb. .26 - .27
Monoethylether, dms., c.l., works .lb. .16 - —
l.c.l., works .lb. .17 - —
tanks, works .lb. .15 - —
Digitalis leaves, dms. .lb. .23 - .25
Digiycol oleate, light, bbls. .lb. .24 - —
Dill seed, dewhiskered, polished, bgs. .lb. .06¼- .07
recleaned, bgs. .lb. .05½- .06
Dimethyl phthalate, dms. .lb. .19½- .20
Dimethylaniliin, dms. .lb. .29 - .30
Dimethylethyl carbinol (see Carbinol)
Dinitrobenzene, bbls. .lb. .17 - .17½
purified, bbls. .lb. .19 - .19½
Dinitrochlorobenzene, bbls. .lb. .14½- .15½
Dinitronaphthalene, kgs. .lb. .23 - .25
Dinitrophenol, bbls. .lb. .23 - .24
Dinitrotoluene, dms. .lb. .15½- .16½
oily, dms. .lb. .06½- .10
Diorthotoluolguanidin, dms., 2,000 lbs. or over, dlvd. .lb. .44 - —
600-1,950 lbs., dlvd. .lb. .46 - —
150-450 lbs., dlvd. .lb. .47 - —
Dip oil (see Tar acid oil)
Dipentene, dms. .gal. .47 - .50
tanks .gal. .41 - —
Diphenyl, bbls., c.l., works .lb. .15 - —
l.c.l., works .lb. .20 - .25
Oxide, bots. .lb. .70 - 1.00
Diphenylamine, bbls. .lb. .31 - .32
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd. .lb. .35 - —
600-1,950 lbs., dlvd. .lb. .36 - —
150-450 lbs., dlvd. .lb. .37 - —
Diphenylmethane, bots. .lb. 1.40 - 2.00
Disodium phosphate (see Soda phosphate, dibasic)
Divi-divi, bgs., shipment .ton. 35.00 - —
Extract, 25% tan., bbls. .lb. .05 - .05¼
Doggrass root, cut, bls. .lb. .12 - .13
Dogwood bark, dom., bls. .lb. .04 - .05
Jamaica, bls. .lb. .06½- .07
Dover's powder, USP, cns. .lb. 2.75 - 2.80
Dragon's blood, mass, cs. .lb. .65 - .85
reeds, thin, cs. .lb. .95 - 1.00
Duboisine sulphate, vls. .oz. 34.50 -35.00
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G .lb. .65 - .70
40 Chrome yellow R .lb. .80 - 1.00
53 Victoria violet .lb. .90 - 1.00
165 Lake red C .lb. 1.15 - 1.25
176 Fast red A .lb. .60 - .75
180 Fast red VR .lb. 1.50 - 1.65
189 Lake red R, paste .lb. .85 - .90
189 Lake red R, powdered .lb. 2.00 - 2.10
202 Chrome blue black U .lb. .32 - .40
204 Chrome black A .lb. 1.75 - 2.00
208 Fast red blue R .lb. .75 - 2.00
216 Chrome red B .lb. 1.75 - 2.00
262 Cloth red 2B .lb. .60 - .80
289 Fast cyanin 5R .lb. .90 - 1.00
299 Chrome black F .lb. .60 - .65
307 Fast cyanin black B .lb. .90 - .95
326 Direct fast scarlet .lb. 2.00 - 2.25
354 Paper yellow .lb. .33 - .90
365 Chrysophenin G .lb. .68 - .70
394 Direct violet N .lb. 1.25 - 1.30
382 Direct scarlet B .lb. 1.60 - 1.75
387 Direct violet B .lb. 1.00 - 1.30
401 Developed black BHN .lb. .50 - .75
406 Direct blue 2B .lb. .25 - .30
415 Direct orange R .lb. .60 - .70
419 Direct fast red F .lb. .75 - .85
420 Direct brown M .lb. 1.00 - 1.10
448 Benzo purpurin 4B .lb. .40 - .42½
495 Benzo purpurin 10B .lb. .40 - .50
502 Direct asurin G .lb. .75 - .80
512 Direct blue RD .lb. .90 - 1.00
518 Direct pure blue 6B .lb. 1.10 - 1.25
520 Direct pure blue .lb. .50 - 1.00
529 Direct fast black FF .lb. .55 - 1.00
581 Direct black EW .lb. .25 - .50

Dyes, coaltar for general uses (numbers are those of Colour Index scale).
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO.....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow.....lb. 2.00 - 2.25
845 Nigrosin (water soluble).lb. .35 - .50
1177 Indigo, 20 p.c., paste...lb. .15 - .18
Benso fast black L.....lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan.....lb. .50 - .60
Sulphur yellow.....lb. .20 - .50
Zambesi black.....lb. .75 - .80
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives.lb. .42 - —
Blue:—
1075 Alizarin astrol base.lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
729 Victoria blue.....lb. .75 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 6.00 - —
.... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
.... Orange, red shade...lb. .75 - —
Red:—
73 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
Violet:—
1060 Anthroquinone violet base..lb. 6.00 - —
680 Oil violet.....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow..lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin .....lb. .40 - —
Blue:—
729 Victoria blue.....lb. 2.55 - —
860 Indulin .....lb. .70 - —
Brown:—
831 Bismarck brown.....lb. 1.50 - —
Green:—
657 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base. lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
17 Amidoazotoluene yellow..lb. .75 - —
655 Auramine .....lb. 2.00 - —
900 Chinolin yellow SS..lb. 3.00 - —
Violet:—
690 Methyl violet.....lb. 1.30 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S. lb. .50 - —
868 Nigrosin .....lb. .36 - —
878 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.60 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .37 - —
909 New blue R.....lb. 1.30 - —
923 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1160 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y...lb. .65 - —
235 Resorcin dark brown R. lb. .66 - —
831 Bismarck brown G..lb. .52 - —
832 Bismarck brown R..lb. .37 - —
708 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green. lb. 2.35 - —
Orange:—
20 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange T.....lb. .30 - —
161 Orange R.....lb. .34 - —
Red:—
81 Amidonaphthol red G. lb. .42 - —
87 Amidonaphthol red 6B. lb. .68 - —
79 Ponceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .52 - —
183 Crocein scarlet 3BX.lb. .60 - —
185 Cochineal red A....lb. .60 - —
252 Brilliant crocein M.lb. .68 - —
677 Fuchsin .....lb. 1.90 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
690 Methyl violet B.....lb. .82 - —
691 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —
Yellow:—
19 Naphthol yellow S..lb. .85 - —
138 Metanil yellow.....lb. .53 - —
636 Fast light yellow...lb. 1.25 - —
639 Xylene light yellow.lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
665 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .16 - .17
Egg albumen (see Albumen)
Yolk, dom., cs.....lb. .69 Nom.
import, cs.....lb. .49 - .51
Elder flowers, bright, bls.....lb. .16 - .17
dark bls .....lb. .15 - .16
Elecampane root, bls.....lb. .09 - .10
Elm bark, grinding, bls.....lb. .09½- .10
powd., bbls., bxs.....lb. .15 - .16
select, bndls., cs.....lb. .17 - .18
Emetine hydrochloride, bots., vls. os.15.00 -15.25
Ephedra, bls.....lb. .06 - .07
Ephedrine, tins, 100 ozs.....os. 1.00 - —
Hydrochloride, tins, 100 ozs..os. 1.00 - —
Sulphate, cryst., tins, 100 ozs.os. 1.00 - —
powd., tins, 100 ozs.....os. 1.05 - —
Epsom salt, tech., bgs....100 lbs. 1.70 - —
bbls. .....100 lbs. 1.80 - —
USP, cryst., dgm., bgs., c.l. 100 lbs. 1.90 - —
bbls., c.l.....100 lbs. 2.00 - —
l.c.l. .....100 lbs. 2.35 - 2.60
import, bgs.....100 lbs. 2.00 - —
dried, dom., bgs., l.c.l...lb. .06 - .08
Ergot, USP, cs.....lb. 2.00 - 2.25
Eserine, bots., vls.....os.42.00 -42.25
Salicylate, bots., vls.....os.29.00 -29.25
Sulphate, bots., vls.....os.30.00 -30.25
Ether, acetic, dms.....lb. .10 - .11
Ethyl (see Ether, sulphuric)
Nitrous, conc., bots.....lb. .75 - .77
Sulphuric, conc., dms.....lb. .09 - —
synth., dms., c.l., works...lb. .08 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms.....lb. .26 - .27
USP, 1880, dms.....lb. .39 - .40
washed, dms.....lb. .87 - .88
Ethyl acetate, dms., c.l., frt. alld. lb. .07 - —
l.c.l., frt. alld.....lb. .07½- —
tanks, frt. alld.....lb. .06 - —
anhyd., dms., c.l., frt. alld.lb. .08 - —
l.c.l., frt. alld.....lb. .08½- —
tanks, frt. alld.....lb. .07 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .22 - .24
Cinnamate, bots.....lb. 3.40 - 4.25
Crotonate, dms., works.....lb. 1.00 - 1.25
Formate, dms.....lb. .27 - .28
Iodide, bots.....lb. 5.55 - 5.60
Lactate, 55-gal. dms., works.lb. .23 - —
5-gal. dms., works.....lb. .26 - —
Oxalate, dms.....lb. .30 - .34
Ethylbenzylaniline, dms.....lb. .88 - .90
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms., dlvd.....lb. .05½- .0994
Ethyleneglycol, dms., c.l.....lb. .17 - —
l.c.l. .....lb. .18 - .21
tanks .....lb. .16 - —
Monobutylether, dms., c.l., works lb. .20 - —
l.c.l., works.....lb. .21 - .24
tanks, works.....lb. .19 - —
Monoethylether, dms., c.l., works lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Monoethylether acetate, dms., c.l., works..lb. .14 - —
l.c.l., works.....lb. .15 - —
tanks, works.....lb. .13 - —
Monomethylether, dms., c.l., works..lb. .19 - —
l.c.l., works.....lb. .20 - .22
tanks, works.....lb. .18 - —
Ethylidinaniline, dms.....lb. .45 - .47½
Ethylmethyl ketone, dms., c.l., frt. pd..lb. .07½- —
l.c.l., frt. pd.....lb. .08 - —
tanks, frt. pd.....lb. .06½- —
Ethylorthoparatoluenesulphonamide, bbls..lb. .38 - —
Ethylparatoluenesulphonamide, bbls..lb. .60 -
Eucalyptol, cns.....lb. .51 - .52
Eucalyptus leaves, bls.....lb. .05 - .05¼
Eugenol, cns.....lb. 1.75 - 2.25
Euphorbia, bls.....lb. .06 - .06½

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -15.00
glass, 20 mesh, bulk, works.ton.11.00 -12.25
pottery, bulk, Me. works...ton.17.00 -19.00
N.C. works.....ton.17.00 -19.00
Fennel seed, French type, bgs, lb. .06 - .09
German, large, bgs.....lb. .18 - .19
small, bgs.....lb. .12 - .13
Fenugreek seed, bgs.....lb. .04½- .06
Ferric sulphate, dms., works.ton.35.00 -40.00
Film scrap, colors, dark, cs., 1,000 lbs. or over, E. works lb. .12¾- .13
smaller lots, E. works. lb. .13¾- .16
light, cs., 1,000 lbs. or over, E. works..lb. .14 - .15
smaller lots, E. works.lb. .15 - .16
water white, cs., 1,000 lbs. or over, E. works..lb. .15 - .18
smaller lots, E. works.lb. .16 - .19
Film scrap prices f.o.b. Calif. works, 1c. lb. lower.
Fir balsam, Canada, cns....gal. 9.00 -10.00
Oregon, bbls.....gal. .90 - 1.10
Fish berries, bgs.....lb. .08 - .09
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeakc factories, contracts, futures unit-ton. 2.75&.10Nom.
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.40.00 -42.00
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, E. Cst. factories, contracts .....unit-ton. 2.00&.50Nom.
sardine, meal, Calif., 12-13% ammon., bgs., c.i.f. E. Cst. ports...unit-ton. 3.00 & .10
Japanese, 11½% ammon. bgs., c.i.f. ports, July/Aug. shipt..ton.38.50 - —
Flake white, bbls., kgs.....lb. .09¾- .10¼
Fleaseed, French, black, bgs..lb. .08 - .08¼
Indian, blonde, bgs.....lb. .07 - .07½
Fluorspar, enamel, 95-98%, bgs.. ton.30.00 -35.00
standard, gravel, washed, 85 and 5%, dom., bulk, f.o.b. Ill., Ky. mines.. ton.18.00 - —
import., bulk, Atlantic ports, duty-paid..ton.21.25 -21.75
lump., 85 and 5%, dom., bulk, f.o.b. Ill., Ky., mines..ton.20.00 - —
powd., 97%, import., bgs., Atlantic ports, duty paid..ton.31.00 -33.00
Formaldehyde, bbls., c.l., works. lb. .06 - —
l.c.l., works.....lb. .06½- .07
Fringetree bark, bls.....lb. .10 - .11
Fuller's earth, dom., bgs., c.l., f.o.b. Fla., Ga. mines..ton.10.00 - —
import., bgs., c.l., ex dock.ton.23.00 - —
l.c.l., ex whse.....ton.30.00 - —
Furfural, refd., dms., c.l., works lb. .15 - —
l.c.l., works.....lb. .17½- .20
tech., dms., contracts, 150,000 lbs., works..lb. .10 - —
c.l., works.....lb. .12½- —
Fusel oil, refd., dms. incl., dlvd. lb. .16 - .18
Fustic extract, cryst., bbls...lb .20 - .22
liquid, bbls.....lb. .08½- .09
solid, dms.....lb. .16 - .18

G

G salt, bbls.....lb. .43 - .47
Galangal root, bls.....lb. .08 - .09
Gall extract, bbls.....lb. .18 - .20
Gambier, common, bgs.....lb. .06¾ Nom.
plantation, bgs.....lb. .09 Nom.
Cubes, Singapore, bgs.....lb. .07 - .08½
Extract, bbls.....lb. .09 .10
Gasoline, at refinery:—
Bayonne, US motor, 62-63 octane, tanks..gal. .06¾- —
65 octane, tanks.....gal. .07 - —
above 65 octane, tanks.gal. .0755- —
California, 56-58, 375 e.p., tanks..gal. .05 - —
Gulf Coast, US motor, bulk, export..gal. .05¼- —
60-62, 390 e.p., bulk, export. gal. .05¾- .05½
60-62, 400 e.p., bulk, export. gal. .05¾- —
64-66, 375 e.p., bulk, export. gal. .05½- —
Louisiana-Arkansas, US motor, tanks..gal. .04½- .04¾
58-60, 450 e.p., tanks...gal. .04½- .04¾
64-66, 375 e.p., tanks...gal. .05¾- .05¾
68-70, 350 e.p., tanks...gal. .04¾- .04⅞
Oklahoma-Texas, US motor, 62 octane and below, tanks..gal. .04¾- .04¾
63-67 octane, tanks....gal. .05½- .05¾
68-70 octane, tanks....gal. .05¾- .06¼
60-62, 400 e.p., tanks...gal. .04¾- .05
64-66, 375 e.p., tanks...gal. .05¾- .05½
natural, 12-lb. v.p., tanks, gal. .05½- .05¾
14-lb. v.p., tanks.....gal. .03½- —
18-lb. v.p., tanks.....gal. .03 - .03¼
22-lb. v.p., tanks.....gal. .02¾- —
26-70-lb. v.p., tanks...gal. .02½- .02½
Pennsylvania, US motor, tanks gal. .05½- —
52-54, 450 e.p., naphtha, tanks..gal. .05¾- —
60-62, 400 e.p., strt. run, tanks..gal. .06 - —
tankwagon and service station (Federal and State taxes included):—

	T.W.	S.S.
Atlanta .....gal.	.206	.226
Boston .....gal.	.14	.16
Chicago .....gal.	.155	.175
Cincinnati .....gal.	.175	.195
Denver .....gal.	.19	.21
Louisville .....gal.	.19	.21
Minneapolis .....gal.	.164	.184
New Orleans.....gal.	.185	.22
New York.....gal.	.155	.182
San Francisco.....gal.	.17	.19

Gelatin, silver, cs.....lb. .50 - .55
Geisemium root, bls.....lb. .12 - .13
Gentian root, bls.....lb. .09 - .10
grd., bbls., bxs.....lb. .12 - .13
powd., bbls., bxs.....lb. .13 - .14
Geraniol, cns.....lb. .75 - 3.00
Geranyl acetate, bots.....lb. 1.75 - 2.50
Ginger root, Africa, bgs.....lb. .14 - .14½
Cochin, lemon, bgs.....lb. .16½- .17
Jamaica, bold, bgs.....lb. .18 - .18½
grinding, bright, bgs....lb. .13¾- .13¾
medium, bold, bgs.....lb. .14 - .14½
Ginseng fibers, cs.....lb. 1.75 - 2.00
Root, cultivated, cs.....lb. 2.00 - 4.00
wild, Southern, cs.....lb. 6.00 - 7.00
Glauber's salt, anhyd. (see Soda sulphate).
cryst., dom., bgs., 5 tons or over..100 lbs. .85 - —
smaller lots.....100 lbs. 1.00 - —
bbls., 5 tons or over..... 100 lbs. .95 - —
smaller lots.....100 lbs. 1.10 - —
import., bgs.....100 lbs. 1.05 - 1.35
Glue, bone, calcimine type, 34 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .11 - —
l.c.l., dlvd.....lb. .11½- —
28/58, bgs., c.l., dlvd.....lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
38/82, bgs., c.l., dlvd.....lb. .12¼- —
l.c.l., dlvd.....lb. .13 - —
48/108, bgs., c.l., dlvd....lb. .13 - —
l.c.l., dlvd.....lb. .13½- —
Hide, calcimine type, 53 millipoise, 125 jelly grams, bgs., c.l., dlvd, East, Midwest..lb. .13½- —
l.c.l., same basis.....lb. .14 - —
60/164, bgs, c.l., same basis.lb. .15 - —
l.c.l., same basis.....lb. .15½- —
67/192, bgs, c.l., same basis.lb. .16 - —
l.c.l., same basis.....lb. .16½- —
75/122, bgs, c.l., same basis.lb. .16½- —
l.c.l., same basis.....lb. .17 - —
83/201, bgs., c.l., same basis.lb. .17 - —
l.c.l., same basis.....lb. .17½- —
92/283, bgs., c.l., same basis.lb. .18 - —
l.c.l., same basis.....lb. .18½- —
102/315, bgs., c.l., same basis lb. .18½- —
l.c.l., same basis.....lb. .19 - —
112/347, bgs., c.l., same basis lb. .19½- —
l.c.l., same basis.....lb. .20 - —
125/379, bgs, c.l., same basis lb. .20½- —
l.c.l., same basis.....lb. .21 - —
Glue prices for barrel packing, ½c. lb. higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, C. P., cns., l.c.l.....lb. .17½- .18½
dms., extra, c.l.....lb. .15½- —
l.c.l. .....lb. .16 - .17
dynamite, dms., extra, c.l....lb. .15½- —
l.c.l. .....lb. .16 - —
saponification, basis 88%, dms. returnable, dlvd..lb. .14 - .15
soaplye, basis 80%, dms. returnable, dlvd..lb. .13 - .14
yellow, distilled, dms. extra, c.l. lb. .15¾- —
l.c.l. .....lb. .15¾- —
Glycol boriborate, dms.....lb. .22 - —
Phthalate, dms.....lb. .29 - —
Stearate, dms.....lb. .28 - —
Gold, U.S. purchase price.....oz.35.00 - —
Chloride, acid, brown, bots..oz.21.75 -22.00
yellow, bots.....oz.19.75 -20.00
Gold-soda chloride, photo., bots. oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Gold of pleasure seed, bgs....lb. .14 - .14½
Golden seal root, bls.....lb. 2.60 - 2.65
powd., bxs.....lb. 2.80 - 2.85
Grains of paradise, bgs.....lb. .08¾- .09
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works..lb. .05 - —
bbls., c.l., works.....lb. .05¼- —
l.c.l., works.....lb. .05½- —
powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works..lb. .02½- —
bbls., c.l., works.....lb. .02¾- —
l.c.l., works.....lb. .03¼- —
80% graphitic carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —

Dyes—Gum-Copal

Grease, house, trcs.....lb. .05¼- .05½
white, trcs.....lb. .05⅞- .07¼
yellow, trcs.....lb. .05¼- .05½
Wool (see Adeps lanae and Degras)
Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .20 - —
6-10%, bbls., same basis.lb. .21 - —
11-15%, bbls., same basis.lb. .22 - —
16-20%, bbls., same basis.lb. .22½- —
21-25%, bbls., same basis.lb. .23 - —
26-30%, bbls., same basis.lb. .23½- —
31-35%, bbls., same basis.lb. .24½- —
36-40%, bbls., same basis.lb. .26 - —
41-45%, bbls., same basis.lb. .27½- —
46-50%, bbls., same basis.lb. .29 - —
over 50%, bbls., same basis lb. .30 - —
Chrome and chrome oxide greens prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1½c. higher dlvd. Texas (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
reduced C.P. color content up to 5%, bbls., same basis.lb. .05¾- —
6-10%, bbls., same basis.lb. .06½- —
11-15%, bbls., same basis.lb. .07 - —
14-16%, bbls., same basis.lb. .07¼- —
17-19%, bbls., same basis.lb. .07½- —
20-21%, bbls., same basis.lb. .07¾- —
22-23%, bbls., same basis.lb. .08 - —
24-25%, bbls., same basis.lb. .08¼- —
26-27%, bbls., same basis.lb. .08½- —
28-29%, bbls., same basis.lb. .09 - —
30-31%, bbls., same basis.lb. .09¾- —
32-33%, bbls., same basis.lb. .11 - —
34-35%, bbls., same basis.lb. .12 - —
36-40%, bbls., same basis.lb. .14 - —
41-45%, bbls., same basis.lb. .16 - —
46-50%, bbls., same basis.lb. .16½- —
51-55%, bbls., same basis.lb. .17 - —
56-60%, bbls., same basis.lb. .17½- —
61-65%, bbls., same basis.lb. .18 - —
66-70%, bbls., same basis.lb. .19 - —
71-75%, bbls., same basis.lb. .20 - —
Chrome oxide, dom., pure, bbls., contract or open order, same basis as chrome C.P..lb. .17 - .18½
ceramic, light shades, bbls., c.l., works..lb. .26 - —
l.c.l., works.....lb. .28 - —
standard grade, bbls., works..lb. .22 - —
import, bbls., kgs., f.o.b. N. Y..lb. .21 - —
Paris (see P)
Verdigris (see V)
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .06¼- .10
Guaiac resin, cs.....lb. .85 - .90
strained, cs.....lb. .95 - 1.00
Wood, bls.....lb. .04 - .05
Guaiacol, liq., djns.....lb. 1.65 - 1.90
Carbonate, bxs., kgs.....lb. 2.15 - 2.40
Guarana, powd., cs.....lb. .65 - .70
Gum, aloe (see A)
Ammoniac, tears, cs.....lb. .90 - .95
Arabic, amber sorts, cleaned, bgs..lb. .09¾- .10
white, sorts, 1, bgs.....lb. .27 - .28
2, bgs.....lb. .25 - .26
powd., bbls.....lb. .13 - .14
Asafetida (see A)
Asphaltum (see A)
Benzoin, Siam, cs.....lb. 1.15 - 1.65
Sumatra, cs.....lb. .16 - .17
Camphor (see C)
Chicle, bgs.....lb. .35 - .40
Copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse.. N. Y or San Fran..lb. .42¾- —
Copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.
2, cloudy white, bgs., c.l., same basis..lb. .26½- —
3, selected pale straw bold, bgs., c.l. same basis..lb. .19½- —
4, pale bold straw, bgs., c.l., same basis..lb. .17½- —
5, pale straw bold, bgs., c.l., same basis..lb. .14½- —
6, pale amber bold, bgs. c.l., same basis..lb. .12¼- —
7, pale straw bold, bgs., c.l., same basis..lb. .14½- —
8, light amber bold, bgs., c.l., same basis..lb. .11¼- —
9, medium light amber bold, bgs., c.l., same basis..lb. .09 - —
10, rescraped hard amber bold, bgs., c.l., same basis lb. .09⅞- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .07½- —
12, selected bold sorts, bgs., c.l., same basis..lb. .06¼- —
13, dark sorts bold, bgs., c.l., same basis..lb. .05⅞- —
14, selected, fully scraped ivory, bgs., c.l., same basis..lb. .12½- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .06⅞- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .05½- —
17, pale fingers, bgs., c.l., same basis..lb. .16½- —
18, pale straw nubs, bgs., c.l., same basis..lb. .11¼- —
19, pale straw nubs, bgs., c.l., same basis..lb. .10⅝- —
20, hard dark amber nubs, bgs, c.l., same basis..lb. .06½- —
21, ordinary selected nubs, c.l., same basis..lb. .05¾- —
22, small mixed nubs, bgs., c.l., same basis..lb. .05⅝- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .05⅝- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .13 - —
25, No. 2 natural ivory nubs, bgs., c.l., same basis..lb. .05¾- —
26, pale bold chips, bgs., c.l., same basis..lb. .06 - —
27, pale small chips, bgs., c.l., same basis..lb. .05½- —
28, pale dust, bgs., c.l., bgs same basis..lb. .04¾- —

Gum, Copal—Lime-Sulphur

Gum, copal, East India, Batu, bold, scraped, bgs., c.l., same basis..lb. .05½- —
unscraped, bgs.,c.l., same basis..lb. .04 - -
chips, bgs., c.l., same basis lb. .05½- —
dust,bgs.,c.l.,same basis.lb. .05½- —
nubs and chips, bgs., c.l., same basis..lb. .05½- -
black, bold, scraped, bgs., c.l., same basis..lb. .07¼- —
unscraped, bgs.,c.l., same basis..lb. .06¼- —
nubs and chips, bgs., c.l., same basis..lb. .04½- —
Hiroe Macassar, pale, bold, ogs, c.l., same basis..lb. .12½- —
chips, bgs., c.l., same basis..lb. .06½- —
dust, bgs.,c.l.,same basis lb. .03½- —
nubs, bgs., c.l. same basis..lb. .11½- —
Singapore Ramak, bold, bgs., c.l., same basis..lb. .15½- —
chips, bgs., c.l., same basis lb. .04½- —
dust,bgs.,c.l.,same basis.lb. .05½- —
nubs,bgs.,c.l.,same basis.lb. .10½- —
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .14 - —
light, bskts., c.l., same basis..lb. .15½- —
loba A, bskts., c.l., same basis..lb. .12 - —
B,bskts.,c.l.,same basis.lb. .10½- —
C,bskts.,c.l.,same basis..lb. .09½- —
CNE, bskts., c.l., same basis..lb. .06½- —
D,bskts.,c.l.,same basis.lb. .09½- —
DK, bskts., c.l., same basis lb. .07 - —
DU, bskts., c.l., same basis lb. .05½- —
dust,bskts.,c.l.,same basis. lb. .05½- -
Sambas and white split chips, bskts., c.l., same basis..lb. .12½- —
Singapore, dust, bskts., c.l., same basis..lb. .05½- —
spirit-soluble, CBB, bskts., c.l., same basis..lb. .05½- —
DBB,bskts., c.l.,same basis lb. .05 - —
MA,bskts., c.l.,same basis. lb. .05½- —
MB,bskts.,c.l.,same basis.. lb. .05½- —
WS,bskts.,c.l.,same basis.. lb. .05¼- —
Philippine Manila, amber sorts, bskts., c.l., same basis..lb. .07¼- —
chips, pale, bskts., c.l., same basis..lb. .05½- —
small, bskts., c.l., same basis..lb. .07½- —
extra pale sorts, bskts., c.l., same basis..lb. .09½- —
nubs,bskts.,c.l.,same basis., lb. .10½- —
pale, scraped, bskts., c.l., same basis..lb. .11½- —
seeds and dust, bskts., c.l., same basis..lb. .05½- —
Pontianak, bold, genuine, bgs., c.l., same basis..lb. .14¼- —
mixed, bgs.,c.l.,same basis lb. .13½- —
chips,bgs.,c.l.,same basis..lb. .07½- —
nubs,bgs..c.l.,same basis..lb. .10¼- —
split,bgs.,c.l.,same basis.lb. .12½- —
Dammar, Batavia A, cs., c.l., same basis as copal..lb. .21½- —
A/D, cs., c.l., same basis.lb. .16¼- —
A/E, cs., c.l., same basis.lb. .13½- —
B, cs., c.l., same basis...lb. .20½- —
C, cs., c.l., same basis...lb. .16½- —
D, cs., c.l., same basis...lb. .14¼- —
dust, cs., cl., same basis.lb. .06½- —
E, cs., c.l., same basis...lb. .06½- —
F, cs., c.l., same basis...lb. .06½- —
Singapore 1, cs.,c.l.,same basis lb. .16½- —
2, cs., c.l., same basis...lb. .13½- —
3, cs., c.l., same basis...lb. .05¼- —
chips, cs.,c.l. same basis.lb. .09½- —
dust, cs., c.l., same basis.lb. .04¾- —
seeds,cs..c.l., same basis..lb. .07½- —
Wiemi, cns., c.l., same basis as copal..lb. .09½- —
Ester, dms., 75,000 lbs. or over, dlvd..lb. .07½- —
10,000-74,999 lbs., dlvd..lb. .07½- —
3,000-9,999 lbs., dlvd....lb. .06½- —
less than 3,000 lbs..dlvd.lb. .06½- —
Euphorbium, cs.....lb. .18 - .20
Galbanum, cs.....lb. .95 - 1.00
Gamboge, pipe, cs.....lb. .58 - .59
powd., bbls.....lb. .65 - .66
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Guaiac resin).
Karaya, XXX, bbls., bxs., dms. lb. .24 - .25
XX, bbls., bxs., dms.....lb. .16 - .17
1, bbls., bxs., dms.....lb. .09½- .10
2, bbls., bxs., dms.....lb. .08½- .09
Kauri brown, XXX, cs., c.l., same basis as copal..lb. .60 - —
BX, cs., c.l., same basis..lb. .33 - —
B1, cs., c.l., same basis..lb. .19 - —
B2, cs., c.l., same basis..lb. .14½- —
B3, cs., c.l., same basis..lb. .12 - —
80% chips, cs., c.l., same basis..lb. .06½- —
pale, XXX, cs., c.l., same basis..lb. .65 - —
1, cs., c.l., same basis...lb. .40 - —
2, cs., c.l., same basis...lb. .22 - —
3, cs., c.l., same basis...lb. .15 - —
Kino, tins.....lb. .70 - .80
Mastic, cs., c.l., same basis as copal..lb. .57 - .58
Myrrh, USP, cs.....lb. .35 - .40
Olibanum, siftings, cs.....lb. .07 - .08
tears, cs.....lb. .12 - .28
Opium (see O)
Rosin (see R)
Sandarac, ceks., c.l., same basis as copal..lb. .22 - .22½
Scammony, cs.....lb. 1.15 - 1.25
Senegal, picked, bgs.....lb. .20 - .21
sorts, bgs.....lb. .11½- .12½
Talha, bgs.....lb. .05 - .06
Thus, bbls.....280 lbs.11.00 - —
strained, bbls.....280 lbs.11.00 - —
Tragacanth, Aleppo, 1, cs...lb. 1.25 - 1.30
2, cs.....lb. 1.15 - 1.20
3, cs.....lb. 1.00 - 1.05
4, cs.....lb. .90 - .95
5, cs.....lb. .80 - .85
6, bgs.....lb. .21 - .26
sorts, bgs.....lb. .30 - .35
Yacca, bgs., c.l., same basis as copal..lb. .06¼- —
powd., bgs.,c.l.,same basis.lb. .04½- —

Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equaled..ton.12.50 - —
Blue Rapids, Kans., frt. eqald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.15.70 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Tex., Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Oakfield, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex.,frt. equald. ton. 5.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y., Southard, Okla., frt. equald..ton.12.00 - —
Import., bgs., ex dock....ton.27.50 - —

H

Heliotropin, cryst., cns.....lb. 2.00 - 2.30
Hellebore,white,root,powd.,bbls.lb. .10½- .11
Helonias root, bls.....lb. .35 - .38
Hematine crystals, bbls.....lb. .16 - .24
Hemlock extract, 25% tan.,bbls.lb. .03½- —
tanks .....lb. .02½- —
Hempseed, Manchur, bgs.....lb. .03¾- .04¼
Henbane leaves, bls.....lb. .22 - .23
Henna leaves, bls.....lb. .07 - .08
powd., bbls, bxs.....lb. .09 - .10
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .12 - —
l.c.l., Group 3.....gal. .15 - —
tanks, Group 3.....gal. .09 - —
normal, 86-100°C., dms, c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3 .....gal. .10 - —
Hexalin, dms.....lb. .20 - —
Hexane, normal, 60-70°C., dms., c.l., Group 3..gal. .15 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .12 - —
laboratory grade, dms., c.l., Group 3..gal. .19 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms..lb. .35 - .37
USP, dms., 1,000 lbs.....lb. .46 - .47
Hexyl acetate, dms., c.l., f.o.b. dest..lb. .125 - —
l.c.l., f.o.b. dest.....lb. .13 - —
tanks, f.o.b. dest.....lb. .115 - —
Homatropine hydrobromide, bots., vls..oz.13.00 -13.50
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 2.60 - 2.75
Hops, dom., 1934 crop, bls....lb. .25 - .30
1935 crop, bls.....lb. .39 - .40
import., 1935 crop, bls.....lb. .60 - .80
1935 crop, bls.....lb. .55 - .85
Horehound, bls.....lb. .06½- .07
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, vls.....oz.11.00 -11.50
Hydrochloride, vls.....oz.11.00 -11.50
Sulphate, vls.....oz.13.00 -13.50
Hydrastis (see Golden seal).
Hydrogen peroxide, USP, bbls.lb. .03½- .04
100 vols.,cbys.,E.of Miss.R.lb. .20 - —
W. of Miss. R.....lb. .21 - —
Hydroquinone, bbls., kgs.....lb. 1.10 - 1.15
Hyosine hydrobromide, vls.....oz.18.00 -18.25
Hyoscyamine, vls.....oz.15.00 - —
Hydrobromide, vls.....oz.15.00 - —
Sulphate, vls.....oz.15.00 - —
Hypernic, liq., 5i", bbls.....lb. .15 - .20
solid, bxs.....lb. .17 - .20

I

Iceland moss, bls. .....lb. .12 - .13
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Bengal, bbls.....lb. 2.40 - —
synth., liq., bbls.....lb. .13 - .14
powd., bbls.....lb. 1.00 - —
Indol, CP, bots.....lb.34.00 -36.00
Insect flowers (see Pyrethrum).
Iodine, crude, kgs.....lb. .90 - —
resubl., kgs.....lb. 1.50 - 1.55
tincture, bbls.....gal. 1.00 - —
Iodoform, kgs., 100 lbs.....lb. 5.75 - 5.80
Ionone, bots.....lb. 3.25 - 4.00
Ipecac root, bgs.....lb. .82 - .85
powd., bxs.....lb. .87 - .90
Irish moss, ordinary, bls.....lb. .11 - .12
powd. 80-90 mesh, bbls...lb. .22 - .30
prime, bleached, bls.....lb. .18 - .19
Iron acetate, CP, 17% solut.,bbls. lb. .06 - .04
Chloride, tech., cryst., bbls., kgs..lb. .05 - .06
USP, cryst., bbls.....lb. .07½- .08
solut., cbys.....lb. .06¼- .06½
Citrate, USP VIII, pearls, cns., lb. .72 - —
powd., cns.....lb. .64 - —
scales, cns.....lb. .77 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.85 - 2.90
syrup, djns.....lb. .37 - .38
Nitrate, coml., kgs.....lb. .02¾- .06
Oxalate, powd., kgs.....lb. .47 - .50
scales, cns.....lb. .63 - .65
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls,cns.lb. .54 - —
scales, cns.....lb. .59 - —
Ferrous, cns.....lb. .35 - —
Pyrophosphate, pearls, cns...lb. .59 - —
scales, cns.....lb. .64 - —
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas).
USP, cryst., bbls.....lb. .04¼- .04½
Iron-ammonia citrate, brown, gran., cns..lb. .39 - .40
pearls, cns.....lb. .39 - .40
scales, cns.....lb. .49 - .50
green, gran., cns.....lb. .39 - .40
pearls, cns.....lb. .39 - .40
scales, cns.....lb. .49 - .50
Oxalate, cryst., bbls., kgs...lb. .24½- .25½
Iron-potash oxalate, cryst., bbls., kgs..lb. .42 - .43
Iron-soda oxalate, cryst., bbls., kgs..lb. .24½- .25½
Isobutyl carbinol (see Carbinol).

Isopentane, dms., works.....lb. .42 - —
small lots, works.....lb. .56 - —
Isopropanal, see Alcohol, isopropyl.
Isopropyl acetate, dms., cl., frt. alld..lb. .07 - —
..c.l., frt. alld.....lb. .07½- —
tanks, frt. alld.....lb. .06 - —
Alcohol (see Alcohol).
Ether, dms., c.l.....lb. .07 - —
l.c.l. .....lb. .08 - —
tanks .....lb. .06 - —

J

Jaborandi leaves, bls.....lb. .10 - .11
Jalap root, NF, bls.....lb. .17 - .20
powd., bbls., bxs.....lb. .21 - .24
Juniper berries, bgs.....lb. .04¾- .05½

K

Kamala, tins.....lb. .24 - .25
Kava kava root, bls.....lb. .14 - .16
Kerosene, at refinery:—
Bayonne,41-43 w.w.,tanks,gal. .04¾- —
Gulf ports,p.w.,bulk,export,gal. .03¾- —
w.w., bulk, export.....gal. .04½- .04¼
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .03¾- —
Oklahoma-Texas, 41-43 w.w., tanks..gal. .03½- .04
42-44 w.w., tanks.....gal. .03½- .04
Pennsylvania, 45 w.w., tanks, gal. .05½- —
46 w.w., tanks.....gal. .05¾- —
tankwagon:—
Atlanta .....gal. .125 - —
Boston .....gal. .075 - —
Chicago .....gal. .096 - —
Cincinnati .....gal. .125 - —
Denver .....gal. .11 - —
Louisville .....gal. .10 - —
Minneapolis .....gal. .102 - —
New Orleans.....gal. .12 - —
New York.....gal. .07½- —
San Francisco.....gal. .116 - —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .05½- .06

L

Lady slipper root, bls.....lb. .30 - .32
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs.10.50 -10.75
Middlewestern, trcs....100 lbs.10.70 -10.80
Western, choice, trcs..100 lbs.10.80 -10.90
compound, trcs.....100 lbs.12.00 -12.75
neutral, trcs.....100 lbs.12.00 -12.25
Larkspur seed, bgs.....lb. .20 - .22
Laurel berries, bls.....lb. .09 - .10
Leaves, Ital., bls.....lb. .04½- .05
Lavender flowers, ordinary, bls.lb. .40 - .42
select, bls.....lb. .80 - .90
Lead acetate,brown,broken,bbls.lb. .09½- —
white, broken, bbls.....lb. .11 - —
cryst, bbls.....lb. .10½- —
gran., bbls.....lb. .11 - —
powd., bbls.....lb. .11¼- —
Arsenate, dms., c.l., dealers, E. of Rockies..lb. .09½- —
jobbers, E. of Rockies..lb. .09 - —
W. of Rockies.....lb. .09 - —
l.c.l., consumers, W. of Rockies..lb. .10¾- —
dealers, E of Rockies, 1,000 lbs. or over..lb. .09½- —
101-999 lbs.....lb. .10¾- —
100 lbs. or less.....lb. .11¾- —
W. of Rockies.....lb. .09¾- —
jobbers, E. of Rockies..lb. .09¾- —
Lead arsenate prices are works or whse. basis, frt. alld. to. dest. in lots of 96 lbs. or over; no frt. or truck. allowance for works or whse. pick-ups.
Blue, basic sulphate, bbls., cl., dlvd. E. .....lb. .08 - —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06¼- —
l.c.l., dlvd. E.....lb. .06¼- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06½- —
Carbonate (see Lead, white).
Chloride, pure, bxs.....lb. .40 - .50
Iodide, jars.....lb. 2.35 - 2.40
Linoleate, pale, precip., dms.lb. .18 - —
Metal (see daily quotations in market report)
Nitrate, bbls.....lb. .09 - .09½
Oleate, bbls.....lb. .15 - —
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less Pb_3O_4, bbls. c. l. (20 tons), dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0735- —
other points.....lb. .0710- —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla.,Tex. and W. of Cascade Mts. in Ore. and Wash. lb. .07¾- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore and Wash..lb. .08¼- —
Colo., Mont., N. Mex., Wyo.....lb. .08 - —
other points.....lb. .07½- —
smaller lots, dlvd. Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .08¾- —
Colo., etc.....lb. .08½- —
other points.....lb. .08 - —
97% Pb_3O_4, bbls., c.l. (20 tons) dlvd., Ala., etc.lb. .0760- —
other points.....lb. .0735- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .08 - —
Ariz., etc.....lb. .08¼- —
Colo., etc.....lb. .08¼- —
other points.....lb. .07¾- —
smaller lots, dlvd. Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .08¾- —
other points.....lb. .08¾- —
Lead, red, dry, 98% Pb_3O_4, bbls., c.l. (20 ton), dlvd. Ala., etc..lb. .0785- —
other points.....lb. .0760- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .08¾- —
Colo., etc.....lb. .08½- —
other points.....lb. .08 - —
smaller lots, dlvd. Ala., etc..lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08½- —
in oil, steel kgs., 1,000 lbs. lb. .10½- —
500 lbs.....lb. .11 - —
smaller lots.....lb. .12 - —
Resinate, fused, bbls.....lb. .09 - .10
precip., bbls.....lb. .14 - —
Stearate, bbls.....lb. .22 - .23
Sulphate (see Lead, white)
Titanate, bbls., c.l., f.o.b. St. Louis, frt. paid E. of Rockies or f.o.b. Pac. Cst. terminal..lb. .10 - —
l.c.l.,f.o.b. St. Louis or f.o.b. whses., frt or ctge paid E. of Rockies..lb. .10½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah,Wash. and Wyo..lb. .06¾- -
other points.....lb. .06½- —
l.c.l. dlvd. Ariz., etc..lb. .07 - —
other points.....lb. .06¾- —
Basic sulphate, bbls., c.l., dlvd. Ariz., etc..lb. .06¼- —
other points.....lb. .06 - —
l.c.l. dlvd. Ariz., etc.lb. .06½- —
other points.....lb. .06¼- —
in oil, 100-lb. kgs., 1,000 lbs., dlvd..lb. .10 - —
500 lbs., dlvd.....lb. .10½- —
smaller lots, dlvd.....lb. .11½- —
Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .27 - .28
Root, bls.....lb. .04½- .05
powd., bbls., bxs.....lb. .07 - .08
select, bndls., cs.....lb. .17 - .19
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefronte, Pa....ton. 7.00 - —
Berkeley, W. Va....ton. 7.00 - —
California, northern..ton.12.25 - —
southern .....ton.11.25 - —
Cedar Hollow, Pa....ton. 8.00 - —
Chicago .....ton. 7.25 - —
Crab Orchard, Tenn.ton. 6.25 - —
Dallas, Texas.....ton. 8.50 - —
Durbin, Ohio.....ton. 6.50 - —
Eagle Mountain, Va.ton. 6.25 - —
Easton, La.....ton. 7.00 - —
Farnams, Mass.....ton. 7.50 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 7.00 - —
Knoxville, Tenn.....ton. 6.25 - —
Leroy, Minn.....ton. 8.00 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 7.00 - —
Marble Cliff, Ohio...ton. 6.50 - —
Marblehead, Ohio....ton. 7.00 - —
Martinsburg, W. Va.ton. 7.00 - —
Menominee, Mich....ton. 7.50 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Petosky, Mich.....ton. 8.00 - —
Port Island, Mich...ton. 7.50 - —
Ripplemead, Va.....ton. 6.25 - —
Riverton, Va.....ton. 6.25 - —
Scioto, Ohio.....ton. 6.00 - —
Sheboygan, Wis.....ton. 7.00 - —
Sherwood, Wis.....ton. 7.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
hydrated, paper bgs., f.o.b. Bellefonte, Pa..ton. 8.50 - —
Berkeley, W. Va....ton. 8.50 - —
Buffalo .....ton.11.00 - —
California, northern.ton.14.75 - —
southern .....ton.13.75 - —
Cedar Hallow, Pa...ton. 8.50 - —
Chicago .....ton. 9.50 - —
Crab Orchard, Tenn.ton. 9.00 - —
Dallas, Tex.....ton.12.00 - —
Durbin, Ohio.....ton. 8.00 - —
Eagle Mountain, Va.ton. 8.50 - —
Easton, La.....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Marble Cliff, Ohio...ton. 8.00 - —
Marblehead, Ohio....ton. 9.00 - —
Martinsburg, W. Va.ton. 8.50 - —
Milltown, Ind.....ton.12.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Pelham, Ala.....ton. 9.00 - —
Petosky, Mich.....ton. 9.00 - —
Port Island, Mich...ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va.....ton. 8.00 - —
Riverton, Va.....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis.....ton. 9.00 - —
Siluria, Ala.....ton. 9.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
spray, paper bgs, f.o.b. Bellefonte, Pa..ton. 9.00 - —
Durbin, Ohio.....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio...ton.11.00 - —
Marble Cliff, Ohio...ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Mitchell, Ind.....ton. 9.00 - —
Scioto, Ohio.....ton. 9.00 - —
Sherwood, Wis.....ton. 9.00 - —
Woodville, Ohio.....ton.11.00 - —
Salts (see Calcium)
Lime-sulphur, dry, bgs.,consumer, dlvd. Ore..lb. .06¼- .06½
Idaho, Utah, and W. Mont..lb. .07¼- .07½
Wash. (excepting Ferry, Lincoln, Pend-Oreille, Spokane, Stevens, and Whiteman counties).. lb. .06½- .06¾
dealers,dlvd.E. of Rockies, except Fla..lb. .07¾- .09½
Ore. .....lb. .05¾- —
Idaho, etc.....lb. .06¾- —
Wash. (as above)....lb. .06 - —
jobbers, dlvd. E. of Rockies, except Fla..lb. .07¼- .08½
Ore. .....lb. .05½- —
Idaho, etc.....lb. .06½- —
Wash. (as above)...lb. .05¾- —
dms., dealers, dlvd. E. of Rockies, except Fla., lb. .11 - .12
Fla. .....100 lbs. 1.90 - 2.00
jobbers,dlvd.E. of Rockies, except Fla..lb. .10¾- —

Lime,-sulphur, solution, dms., dealers, dlvd. Del., Ill., Ind., Ia., Ky., Md., Mich., Minn., Mo., N.E. States, N. J., N. Y., N. C. (Allegheny, Ashe, Rockingham, Stopes and Surry counties), Ohio, Pa., Tenn. (W. of Term. R.),Va.,W. Va., Wis.gal. .13 - .16
jobbers, same basis...gal. .12½- .15
tanks, 4,000 gals. min., dealers, dlvd. Del., etc..gal. .11 - —
jobbers, same basis...gal. .10½- —
Linalool, cns.....lb. 1.90 - 2.10
Linalyl acetate, bots.....lb. 1.50 - 2.25
Linden flowers, with leaves,bls.lb. .16 - .17
without leaves, bls.....lb. .18 - .19
Linseed cake, bgs., export....ton.27.50 - —
Meal, 32%, dom., bgs.....ton.38.00 - —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash..lb. .0635- —
other points.....lb. .0610- —
5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .06¾- —
Ariz., Idaho, Nev.,Utah and E. of Cascade Mts. in Ore. and Wash..lb. .07¼- —
Colo., Mont., N. Mex., Wyo..lb. .07 - —
other points.....lb. .06½- —
smaller lots, dlvd., Ala., etc..lb. .07¼- —
Ariz., etc.....lb. .07¾- —
Colo., etc.....lb. .07⅞- —
other points.....lb. .07 - —
Lithium bromide, jars.....lb. 1.70 - 1.75
Carbonate, bbls.....lb. 1.25 - 1.30
Chloride, bbls.....lb. 1.65 - 2.00
Citrate, bbls.....lb. 1.40 - 1.50
Fluoride, bbls.....lb. 2.00 - 2.50
Iodide, bots., jars.....lb. 4.70 - 4.75
Lithopone,dom.,high-strength,bgs., 5 tons, dlvd. E. or ex whse. Pac. Cst...lb. .06 - —
smaller lots, same basis.lb. .06¼- —
bbls., 5 tons, same basis.lb. .06¼- —
smaller lots, same basis.lb. .06½- —
ordinary, bgs., 5 tons, same basis..lb. .04½- —
smaller lots, same basis.lb. .04¾- —
bbls., 5 tons, same basis.lb. .04¾- —
smaller lots, same basis.lb. .05 - —
titanated, bgs., 5 tons, same basis..lb. .06 - —
smaller lots, same basis.lb. .06¼- —
bbls., 5 tons, same basis..lb. .06¼- —
smaller lots, same basis.lb. .06½- —
import., bbls., ex dock.....lb. No prices
Liverwort leaves, bls.....lb. .19 - .20
Lobelia herb, bls.....lb. .13 - .14
Seed, bgs.....lb. .35 - .36
Logwood extract, cryst., bbls.lb. .16 - .20
liquid, 51°, bbls.....lb. .06½- .10¼
solid, bxs.....lb. .13½- .17¼
Sticks, Haitian, shipt.....ton.24.00 -25.00
Lovage root, dom., bls.....lb. .55 - .65
import bls.....lb. .26 - .35
Lupulin, N.F., tins.....lb. 1.25 - 1.30
Lycopodium, cs.....lb. 1.30 - 1.35

M

Mace, Banda, cs.....lb. .58 - .59
Batavia, cs.....lb. .43 - .45
Siauw 1, cs.....lb. .54 - .55
Madder, Dutch, bgs .....lb. .22 - .25
Magnesia arsenate bgs.....lb. .18 - .20
Calcined, dom.,four-hour,including activator, otns., 10,000 lbs. or over, f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .27 - —
1,000-10,000 lbs., same basis..lb. .28½- —
less than 1,000 lbs., same basis..lb. .30 - —
tech., heavy, bbls., f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .28 - —
1-lb. pkgs., same basis.lb. .33 - —
light, bbls., same basis.lb. .23 - —
1-lb. tins, same basis.lb. .33 - —
USP, heavy, bbls., same basis..lb. .30 - —
1-lb. pkgs., same basis.lb. .40 - —
special, bbls., same basis. lb. .27 - —
super light, bbls., same basis..lb. .30 - —
import., heavy, pharm., bbls. lb. .50 - —
light, extra, bbls.....lb. .35 - .40
standard, bbls.....lb. .30 - —
Carbonate, tech., bgs., c.l., works..lb. .06 - .06½
USP, bbls., c.l.....lb. .06¼- .09
Chloride, flake, dom., bbls., works..ton.36.00 -39.00
Hypophosphite, cns.....lb. 1.45 - 1.50
Oxide (see Calcined)
Palmitate, bbls.....lb. .23 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.05
Silicate (see Talc)
Silicofluoride, bbls.....lb. .09½- .10½
Stearate, bbls., otns., c.l....lb. .20 - —
1 ton.....lb. .21 - —
1,000-2,000 lbs.....lb. .22 - —
smaller lots.....lb. .23 - —
Sulphate (see Epsom salt)
Magnesite,calc., import., bbls.ton.60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash...ton.22.00 - —
Malva flowers, black, bls.....lb. .38 - .40
Blue, bls.....lb. .45 - .50
Leaves, bls.....lb. .12 - .13
Manaca root, bls.....lb. .20 - .21
Mandrake root, bls.....lb. .09¼- .10
Manganese acetate, dms.....lb. .25½- .26½
Arsenate, bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Chloride, bbls.....lb. .07½- .08
Dioxide, Canceasian, 86-90%, oaks., c.l., works..ton.51.50 - —
c.l., 5 tons, works..ton.54.50 - —
smaller lots, works.ton.59.50 - —
suriap bgs.,c.l., works.ton.49.50 - —
l.c.l., 5 tons, works..ton.52.50 - —
smaller lots, works.ton.57.50 - —
paper bgs., c.l., works.ton.47.50 - —
l.c.l., 5 tons, works.ton.50.50 - —
smaller lots, works.ton.55.50 - —
Glycerophosphate, bbls., cans, 100 lbs..lb. 2.60 - 2.65
Manganese, Hydrate, bbls., dlvd. lb. .30 - —
Iodide, bots., jars.....lb. 5.10 - 5.15
Linoleate, liquid, 4%, dms...lb. .18 - .18¼
solid, precip., 8.2%, bbls..lb. .17½- .19
Ore, 52% basis, bbls., c.i.f. Atl. pts..unit-ton. .26 - .27
Resinate, fused, 8¼%, bbls..lb. .06¾- .09¼
precip., dms.....lb. .12 - —
Sulphate, anhyd.,bbls.,works.lb. .07 - .07½
cryst., 65% $MnSO_4$, bbls., c.l., dlvd, South.....ton.48.75 - —
50-55%, bgs., c.l., works, frt. alld. to S.F.A. territory unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .03½- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipmt, ton.27.00 - —
Extract, 55%, bgs.....lb. .04 - —
Manna, flake, large, cs.....lb. .49 - .50
small cs.....lb. .28 - .29
Mannitol, pure, cryst., cs., works lb. 1.60 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bls.....lb. .20 - .21
Tunisan, bls.....lb. .19½- .20
Matico leaves, bls.....lb. .30 - .31
Menthol, cs.....lb. 3.20 - 3.30
synthetic, cs.....lb. 2.25 - 2.50
Menthyl salicylate, tins, 100 lb. lots..lb. 3.00 - —
25 lb., lots.....lb. 3.10 - —
Mercurial ointment, 30%, cns..lb. .74 - —
33⅓%, cns.....lb. .77 - —
50%, cns.....lb. 1.07 - —
Mercury (see Quicksilver)
Bichloride (see Corrosive sublimate)
Bisulphate, kgs.....lb. 1.33 - —
Chloride (see Calomel)
Iodide, red, kgs., jars.....lb. 3.45 - 3.50
Yellow, kgs., jars.....lb. 3.55 - 3.60
Nitrate ointment (see Citrine ointment)
Oxide, black, dms., kgs.....lb. 3.85 - —
Red, N.F. (see Red precipitate)
tech. (see Red, mercury oxide)
Yellow, dom., tech., bbl...lb. 1.19 - —
USP, dms., kgs.....lb. 1.69 - —
Mercury and chalk, kgs.....lb. .75 - .76
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
Composition, 5½x5½ in.pkg. 1.65 - 1.90
Gold,XX deep,3¾x3¾ in.pkg.14.50 -15.00
3¾x3¾ in.....pkg.16.00 -16.50
4x4 in.....pkg.18.50 -19.00
3¾x5½ in.....pkg.21.50 -22.00
3¾x5½ in.....pkg.23.50 -24.00
Silver, 3¾x3¾ in.....pkg. 2.50 - 2.75
Metanitroanilin, kgs.....lb. .67 - .69
Metanitroparatoluidin, bbls....lb. 1.40 - 1.45
Metaphenylenediamine, kgs....lb. .82 - .84
Metatoluylenediamine, kgs.....lb. .67 - .69
Methanol, natural, denat. grade, dms., c.l., frt. alld.....gal. .48 - —
tanks, frt. alld.....gal. .43 - —
contracts, frt. alld....gal. .40 - —
95%, dms., c.l., Zone 1, frt. alld..gal. .37½- —
2, frt. alld.....gal. .39½- —
3, frt. alld.....gal. .40½- —
4, frt. alld.....gal. .42½- —
5, frt. alld.....gal. .42½- —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40 - —
2, frt. alld. or dlvd..gal. .44½- —
3, frt. alld. or dlvd..gal. .43 - —
4, frt. alld. or dlvd..gal. .58 - —
5, frt. alld. or dlvd..gal. .49½- —
tanks, Zone 1, frt. alld..gal. .33 - —
2, frt. alld.....gal. .34½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .36½- —
5, frt. alld.....gal. .36½- —
97%, dms., c.l., Zone 1, frt. alld..gal. .38½- —
2, frt. alld.....gal. .40½- —
3, frt. alld.....gal. .41½- —
4, frt. alld.....gal. .43½- —
5, frt. alld.....gal. .43¾- —
l.c.l, Zone 1, frt. alld. or dlvd..gal. .41 - —
2, frt. alld. or dlvd..gal. .45½- —
3, frt. alld. or dlvd..gal. .44 - —
4, frt. alld. or dlvd..gal. .59 - —
5, frt. alld. or dlvd..gal. .50½- —
tanks, Zone 1, frt. alld..gal. .34 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .37½- —
4, frt. alld.....gal. .37½- —
5, frt. alld..... ...gal. .37½- —
pure, dms, cl., Zone 1, frt. alld..gal. .40 - —
2, frt. alld.....gal. .42 - —
3, frt. alld.....gal. .43 - —
5, frt. alld.....gal. .45½- —
5, frt. alld.....gal. .45 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .42½- —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .45½- —
4, frt. alld. or dlvd..gal. .61 - —
5, frt. alld. or dlvd..gal. .52 - —
tanks, Zone 1, frt. alld..gal. .35½- —
2, frt. alld.....gal. .37 - —
3, frt. alld.....gal. .39 - —
4, frt. alld.....gal. .39 - —
5, frt. alld.....gal. .39 - —
Methanol prices, bbls., 2½c. gal. more than drums
synthetic, guaranteed 99.5%, dms., c.l., Zone 1, frt. alld..gal. .40 - —
2, frt. alld.....gal. .42 - —
3, frt. alld.....gal. .43 - —
4, frt. alld.....gal. .45½- —
5, frt. alld.....gal. .45 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .42½- —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .45½- —
4, frt. alld. or dlvd..gal. .61 - —
5, frt. alld. or dlvd..gal. .52 - —
tanks, Zone 1, frt. alld..gal. .35½- —
2, frt. alld.....gal. .37 - —
3, frt. alld.....gal. .39 - —
4, frt. alld.....gal. .39 - —
5, frt. alld.....gal. .39 - —
Methanol sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., Mont., Nev., Idaho, Ore., Utah, Wash.; Zone 5, N. Mex., Texas, Wyo.
Methyl acetate, 99%, dms., c.l.; frt. alld. E. of Rockies...lb. .16 - —
W. of Rockies.....lb. .16½- —
l.c.l., frt. alld., E. of Rockies..lb. .17 - —
W. of Rockies.....lb. .17½- —
82%, dms., c.l., frt. alld. E. of Rockies..lb. .12 - —
W. of Rockies.....lb. .12½- —
l.c.l., frt. alld. E. of Rockies..lb. .14 - —
W. of Rockies.....lb. .14½- —
Acetoacetate, dms., l.c.l. alld..lb. .37 - —
Methyl, Acetone, dms., c.l., contracts, zone 1, frt. alld..lb. .45½- —
2, frt. alld.....gal. .47½- —
3, frt. alld.....gal. .48½- —
4, frt. alld.....gal. .51 - —
5, frt. alld.....gal. .50½- —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .48 - —
2, frt. alld. or dlvd....gal. .52½- —
3, frt. alld. or dlvd....gal. .51 - —
4, frt. alld. or dlvd....gal. .65½- —
5, frt. alld. or dlvd....gal. .58½- —
tanks, contracts, Zone 1, frt., alld..gal. .41 - —
2, frt. alld.....gal. .42½- —
3, frt. alld.....gal. .44½- —
4, frt. alld.....gal. .44½- —
5, frt. alld.....gal. .44½- —
Methyl acetone in bbls. 2½c. per gal. more, in all brackets. The sales zones are: Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, L. A. and San Fran., Cal.; Portland, Ore.; Seattle, Wash.; Zones 4, Ariz., Cal., Mont., Nev., Idaho, Ore., Utah and Wash.; Zone 5, N. Mex., Tex., Wyo.
synthetic, dms., c.l., Zone 1, frt. all. E. of Rockies..gal. .52½- —
2, frt. alld. E. of Rockies. gal. .54½- —
3, Pacific coast.....gal. .55½- —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .55 - —
2, frt. alld. E. of Rockies. gal. .59½- —
3, Pacific coast.....gal. .58 - —
tanks, Zone 1, frt. alld. E. of Rockies..gal. .48 - —
2, frt. alld. E. of Rockies. gal. .49½- —
3, Pacific coast.....gal. .51 - —
Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D. Zone 3, Pacific coast.
Alcohol (see Methanol).
Anthranilate, bots.....lb. 2.10 - 2.50
Benzoate, bots.....lb. .70 - 1.00
Chloride cylrs.....lb. .40 - —
Cinnamate, bots.....lb. 3.00 - 3.75
Formate, dms.....lb. .35 - .36
Iodide, bots., jars.....lb. 5.80 - 5.85
Salicylate dms.....lb. .40 - .43
tins .....lb. .42 - .45
Violet toner, bbls. (500 lbs.)..lb. .40 - —
smaller lots.....lb. .42 - —
permanent, bbls.....lb. .80 - —
Methylanthraquinone, bbls.....lb. .80 - .83
Methylene blue, medicl., bgs...lb. 2.00 - 2.25
Methylheptenone, bots.....lb. 3.00 - 4.00
Methylheptin carbonate, bots..lb.27.50 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., c.l. wks..gal. .76 - —
l.c.l. wks. .....gal. .80 - —
tanks, wks. .....gal. .70 - —
Methylpropyl carbinol (see Carbinol).
Metronite pigment,120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 8.00 - —
l.c.l., same basis.....ton.10.00 - —
180 mesh, containers extra, c.l., containers extra, c.l., same basis..ton.10.00 - —
l.c.l., same basis.....ton.12.00 - —
250 mesh, containers extra, c.l., same basis..ton.12.00 - —
l.c.l., same basis.....ton.14.00 - —
325 mesh, containers extra, c.l., same basis..ton.17.00 - —
l.c.l., same basis.....ton.19.00 - —
Mica, dry-grd., plastic, No. 100, 40 mesh,bgs.,c.l., works..ton.35.00 - —
l.c.l., works.....ton.42.75 - —
second grade, bgs., c.l., works..ton.33.00 - —
l.c.l., works.....ton.41.25 - —
250, 100 mesh, bgs., c.l., works..ton.32.00 -40.00
l.c.l., works.....ton.40.00 -50.00
second-grade, bgs., c.l., works..ton.23.90 -30.00
l.c.l., works.....ton.29.90 -47.50
300, 140 mesh, bgs., c.l., works..ton.50.00 - —
l.c.l., works.....ton.62.50 - —
roofing, bgs., c.l., works..ton.23.50 -30.00
l.c.l., works.....ton.30.00 -37.50
wet-grd., 160 mesh, pure white, bgs., c.l., dlvd. E. of Miss. R..100 lbs. 4.50 - —
W. of Miss. R.100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 4.60 - —
standard, bgs., c.l., works, frt. alld. E. of Miss. R. 100 lbs. 3.50 - —
W. of Miss R.100 lbs. 4.00 - —
l.c.l., works.....100 lbs. 3.60 - —
Michler's ketone, kgs.....lb. 2.50 - —
Milk powder, skimmed, roller, bbl., c.l..lb. .09¾- —
l.c.l. .....lb. .10¾- —
spray, bbls., c.l.....lb. .10¼- —
l.c.l. .....lb. .11½- —
unskimmed, roller, bbls.,c.l...lb. .19 - .20
l.c.l. .....lb. .20 - .21
spray, bbls., c.l.....lb. .19 - .20
l.c.l. .....lb. .20 - .21
Millet seed, bgs.....lb. .03 - .03¼
hulled, bgs.....lb. .05 - .05½
Mineral spirits (see Petroleum thinner and V. M. & P. naphtha).
Molasses, blackstrap, tanks..gal. .08 - .08½
Molybdenum metal, 99%, powd., kgs..lb. 1.80 - 2.15
Monoamylamine, dms., l.c.l. works..lb. 1.00 - —
Monochlorobenzene, dms.....lb. .06 - .06½
Monoethanolamine, dms.....lb. .31 - .35
Monoethylaniliin, dms.....lb. .77 - .79
Monomethyl para-aminosulphate, dms..lb. 3.75 - 4.00
Morphine, cns.....oz.10.90 -10.95
Acetate, bots.....oz. 8.60 - 8.65
Ethylhydrochloride, vis.....oz.10.50 -10.55
Hydrobromide, cns.....oz. 6.70 - 6.75
Sulphate, cns.....oz. 6.75 - 6.80
Mullein flowers, cns.....lb. 1.00 - 1.05
Leaves, bls.....lb. .97 - .98
Musk, nat., Cabardine, grained, bots..oz. No stocks
pods, bots.....oz. No stocks
Tonquin, grained, bots....oz.21.00 -23.00
pods, bots.....oz.14.50 - —
synth., ambrette, cns.....lb. 4.20 - —
Ketone, cns.....lb. 4.35 - —
Xylol 100% cns .....lb. 1.25 - —
Musk root, bls.....lb. .06½- .09

Lime-sulphur—Oil, Calamus

Mustard seed, Bombay, brown, bgs..lb. .07½- .08
California, brown, bgs.....lb. .06½- .07
yellow, bgs.....lb. .06¾- .07¼
Chinese, yellow, bgs.....lb. .06¼- .06¾
Dutch, yellow, bgs.....lb. .06¼- .06¾
English, yellow, bgs.....lb. .06¾- .09¼
Hungarian, yellow, bgs.....lb. .07¼- .07¾
Mentana, brown, bgs.....lb. .07¼- .07¾
yellow, bgs.....lb. .06¾- .06¼
Roumanian, yellow, bgs...lb. .06¼- .06½
Sicilian, brown, bgs.....lb. .11¼ Nom.
Myrobalans, J1, bgs., shipt..ton.21.50 - —
J2, bgs., shipt.....ton.15.00 - —
R2, bgs., shipt.....ton.14.50 - —
Extract, liquid, 25%, bbls...lb. .04½- —

N

Naphtha hydrogenated (see Petroleum naphtha, high solvency).
Painters' (see Petroleum naphtha, V.M.&P.).
Solvent (see S).
Naphthalene, crude, dom., bgs., works..100 lbs. No prices
import., 74-78%, bgs., c.i.f. Atlantic ports..100 lbs. 2.95 - 3.50
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. E. works. lb. .07¼- —
cs., same basis.....lb. .07½- —
pkgs. (16 oz.), same basis..lb. .08 - —
(12 oz.), same basis... pkg. .06¼- —
chipped, crushed, bbls., bgs., same basis..lb. .06¼- —
rice, cryst., powd., bbls., same basis..lb. .07½- —
Refined naphthalene Western prices are ½c. per lb. higher, f.o.b. Chicago and Granite City, Ill.; storedoor delivery in metropolitan N. Y., Phila. and Chicago made in mim. 2,000-lb. quantities; smaller lots, 50c. per 100 lbs. higher.
Nerolin. cryst., cns.....lb. 1.27 - 1.35
Nickel carbonate, bbls.....lb. .35 - —
Chloride, bbls.....lb. .13 - .13¼
kgs. .....lb. .21 - .22
Oxide, black, bbls.....lb. .35 - .36
Salt, double, bbls.....lb. .13 - .13¼
single, bbls.....lb. .13 - .13¼
Nicotine, 50%, cns.....6 lbs. 8.25 -10.15
Sulphate, 10-lb. cns.....lb. .76½- 1.06¼
5-lb. cns.....lb. .94 - 1.17
dms. .....lb. .75 - .85
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms.,c.l. lb. .09 - —
l.c.l. .....lb. .11 - —
tanks .....lb. .08½- —
Nitrocellulose, alcohol-soluble, ½, 15-20, 30-40, sec. vis., bbls., c.l., works..lb. .29½- —
l.c.l., 20-49, works.....lb. .30 - —
1-19, works.....lb. .31 - —
bronzing, 20, 40, 70 sec. vis., bbls., c.l., works..lb. .31½- —
l.c.l., 20-49, works.....lb. .32 - —
1-19, works.....lb. .33 - —
ester-soluble, ¼, ½, ¾, 15-20 sec. and higher vis., bbls., c.l., works..lb. .27½- —
l.c.l., 20-49, works.....lb. .28 - —
1-19, works.....lb. .29 - —
lacquer, 20, 40 and 70 sec. vis., bbls., c.l., works..lb. .32½- —
l.c.l., 20-49, works.....lb. .33 - —
1-19. works.....lb. .34 - —
Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra, excepting film scrap; barrels to be paid for extra, but returnable; contract prices are 1c. lower than the above quotations. A contract price of 25½c. is standard for consumers of 50,000 pounds or over of ester-soluble nitrocellulose a year.
Nitrogen solution, 42½% ammon., tanks, f.o.b. Atlantic and Gulf ports..unit-ton. .96 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrolville, Wis., Sept./Dec., shpt., unit-ton. 1.90 - —
Chemical, Ill., Summer shipt..unit-ton. 1.85 - —
East Coast producing points..unit-ton. 2.15 - —
import., bgs., c.i.f. Atlantic ports, July/Sept. shipt. unit-ton. 2.20 - —
Oct.-Dec. shipt..unit-ton. 2.25 - —
Nitronaphthalene, bbls.....lb. .34 - .35
Nitrotoluene, mixed, dms.....lb. .10¼- .11
Nutgalls, Aleppo, bgs., cs.....lb. .20 - .22
Chinese, shipmt., cs.....lb. .20 - .22
Extract (see Gall extract).
Nutmegs, 80s, bgs. cs.....lb. .19 - .20
110s, bgs, cs.....lb. .17 - .17½
West Indian, bgs.....lb. .14¼- .14¾
Nux vomica, bls.....lb. .06 - .07
powd., bbls., bgs.....lb. .07½- .08

O

Oakbark extract, 25% tan., bbls. lb. .03½- —
tanks .....lb. .02¾- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .10 - —
l.c.l., G.3.....gal. .15 - —
tanks, G.3.....gal. .08 - —
Octyl acetate, dms., c.l.,works.lb. .16 - —
l.c.l., works.....lb. .17 - —
small lots, works.....lb. .20 - —
tanks, works.....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.00 - 2.60
s.p.a., bots.....lb. 2.35 - 2.75
Sweet, true, exp., cns.....lb. .50 - .57
Amber, crude, cns.....lb. .20 - .21
refd., cns.....lb. .52 - .58
Amyris, cns.....lb. 2.70 - 2.80
Angelica root, bots.....lb.64.00 -80.00
Seed, bots.....lb.72.00 -100.00
Anilin (see A).
Anise, USP, cns., dms.....lb. .50 - .53
Apricot kernel, dom., dms., frt. alld..lb. .23½- .25
spot .....lb. .26 - .75
Russian, dms.....lb. .19 - .20
Babassu, tanks.....lb. .07 - —
Bay, W.I., cns.....lb. 1.05 - 1.25
Bergamot, artif., cns.....lb. 1.00 - 1.00
natural, coppers.....lb. 2.20 - 2.50
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .14 - .15
rectifd., cns.....lb. .75 - .80
Bois de rose, Brazil, cns.....lb. 1.25 - 1.35
Cayenne, cns.....lb. 2.25 - 2.35
Cade, USP, cns.....lb. .26 - .32
Cajeput, tech., dms.....lb. .45 - .49
USP IX, cns.....lb. .47 - .49
Calamus, cns.....lb. 2.00 - 2.25

Oil, Camphor—Petroleum

Oil, camphor, sassafrassy, cns. lb. .15 - .15½
dms. lb. .13½- .14
white, cns. lb. .16 - .16½
dms. lb. .14½- .11
Cananga, native, cns. lb. 2.30 - 2.35
rectfd., cns. lb. 2.60 - 2.65
Capsicum (oleoresin), USP VIII, cns. lb. 2.00 - 2.25
Caraway, USP, cns. lb. 2.00 - 2.25
Cardamom, bots. lb. 11.00 -28.00
Cassia, USP, cns, dms. lb. .92 - .95
Castor, blown, one-way dms., c.l. lb. .12¼- —
l.c.l. lb. .13 - —
medicinal, bbls., c.l. lb. .10¾- —
l.c.l. lb. .11½- —
cns. (1-gal.), l.c.l. lb. .14½- —
dms. (returnable), c.l. lb. .10¾- —
l.c.l. lb. .11¾- —
(5-gal.), l.c.l. lb. .12¾- —
tanks lb. .10 - —
No. 3, bbls., c.l. lb. .10½- —
l.c.l. lb. .11 - —
dms. (returnable), c.l. lb. .10 - —
l.c.l. lb. .10¾- —
tanks lb. .09½- —
Castor oil, med. and No. 3, prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices, ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.
Sulphonated, 50% (48% fat), dms., c.l. lb. .08 - —
l.c.l. lb. .08½- —
75% (63% fat), dms., c.l. lb. .11½- —
l.c.l. lb. .12 - —
80% (68% fat), dms., c.l. lb. .12½- —
l.c.l. lb. .13 - —
Cedarleaf, cns. lb. .90 @ .95
dms. lb. .85 - .90
Cedarwood, Oregon, cns., dms. lb. .28 - .30
Southern, cns., dms. lb. .18 - .20
Celery, bots. lb. 10.50 -12.50
Chaulmoogra, USP, cns., 500 lbs. lb. .95 - —
25 lbs. lb. 1.05 - —
Chinawood lb. .19 - .19¼
tanks lb. .1860- .1880
Cinnamon, Ceylon, bots. lb. 2.00 - 22.00
Seychelle, bots. lb. 8.00 -10.00
Citronella, Ceylon, cns. lb. .21 - 22.
dms. lb. .18 - .19
Java, dms. lb. .30 - .31
Clove, USP, cns. lb. 1.00 - —
dms. lb. .97 - —
Coconut, Manila, crude, tanks. lb. .04⅝- —
Pac. Cst lb. .04⅜- —
edible, 76°, tax inc., dms. (returnable), c.l. lb. .09¾- —
l.c.l. lb. .10¼- —
tanks lb. .09¼- —
Cod, Newfoundland, tanked. bbls. gal. .42 Nom.
Norwegian, bbls. gal. .32 - .35
Codliver, med., Norwegian, bbls. bbl. 24.00 -26.00
poultry, USP, bbls. gal. .70 - .75
Coriander, bots. lb. 6.25 - 6.50
Corn, crude, tanks, works. lb. .09¼ Nom.
refd., bbls. lb. .12 - .12¼
Cottonseed, dom., cooking, bbls. 100 lbs. 11.20 - —
salad, bbls. 100 lbs. 11.35 - —
import., Brazilian, semirefd., dms. lb. .05¾ Nom.
British, refd., tanks lb. .10⅝ Nom.
semirefd., dms lb. .07 Nom.
Creosote (see C).
Croton, USP, cns. lb. 1.40 - 1.45
Cubeb, USP, cns. lb. 2.75 - 3.25
Crude (see Petroleum, crude).
Cumin, bots. lb. 8.50 -10.00
Cypress, cns. lb. 12.00 - —
Degras (see D).
Diesel, Bayonne, bulk bbl. 1.65 - —
California, 27 plus, bulk bbl. .80 - .90
Dill seed, bots. lb. 3.15 - 3.50
Weed, bots. lb. 5.00 - 5.50
Dip (see D).
Erigeron, cns. lb. 1.45 - 1.55
Eucalyptus, cans. lb. .34 - .35
dms lb. .32 - .33
Fennelseed, sweet, cns. lb. 1.05 - 1.10
Fuel, bunker, California, tide-water. bbl. .82½- .85
Gulf Coast. bbl. .90 - —
Kansas, 24-26. bbl. .80 - .85
Louisiana-Arkansas, 16-20. bbl. .60 - .70
18-20 bbl. .65 - .75
N. Y. and N. J. terminals:—
Monday bbl. 1.05 - —
Tuesday bbl. 1.05 - —
Wednesday bbl. 1.05 - —
Thursday bbl. 1.05 - —
Friday bbl. 1.05 - —
Saturday bbl. 1.05 - —
North Texas, 24-26. bbl. .65 - .70
26-30 bbl. .70 - .75
Oklahoma, 18-22. bbl. .65 - .70
24-28 bbl. .70 - .75
26-30 bbl. .80 - .85
28-30 bbl. .90 - .95
Pennsylvania, 36-40. gal. .04⅝- .04¾
Furnace, Bayonne, 1, bulk, refinery. gal. .05¼- —
2, bulk, same basis. gal. .04¼- —
3, bulk, same basis. gal. .04¼- —
4, bulk, same basis. gal. .03¾- —
Kansas, 38-40. gal. .03½- .03¾
Louisiana-Arkansas, 36-40, light straw. gal. .02½- .03
Oklahoma, 28-30. gal. .03 - .03½
32-36 gal. .03¼- .03¾
36-38 gal. .03¼- .03¾
38-40, straw. gal. .03½- .03¾
38-40, zero, 60 e.p. gal. .03½- .03½
Fusel (see F).
Gas, Bayonne, 32-36, bulk. gal. .04½- —
Gulf Coast, 32-36, bulk. gal. .02 - —
Kansas, 32-36, bulk. gal. .02¾- .02¾
Louisiana-Arkansas, 32-36, bulk gal. .03 - .03½
North Texas, 32-36, bulk. gals. .02¾- —
Oklahoma, 32-36, zero, straw, bulk. gal. .02½- .02¾
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns. lb. 5.25 - 6.75
Bourbon, cns. lb. 5.25 - 6.75
Turkish, cns. lb. 1.00 - 2.00
Grapefruit, cns. lb. 2.85 - 2.90
Ginger, dist., bots. lb. 3.30 - 4.00
Guaiac wood, concrete, bots. lb. 3.10 - 3.15
Haarlem, dom., bots. gross 2.25 - 2.35
import. bots. gross 2.40 - 2.50
Halibut-liver, dms. 1.000 A unit-gal. .75 - 1.00
Hemlock, cns. lb. 1.00 - 1.05
Hempseed, crude, dms. lb. .08½- .08½
refd., dms. lb. .09¼- .09½
Oil, herring, tanks, Pan. Cst. gal. .25 Nom.
Juniper berry, USP, cns. lb. 1.00 - 2.00
Wood, tech., cns. lb. .45 - —
Lard, common, 1, bbls. 100 lbs. 8.25 - —
2, bbls. 100 lbs. 8.00 - —
extra, bbls. 100 lbs. 10.00 - —
1, bbls. 100 lbs. 8.50 - —
headlight, burning bbls. 100 lbs. 11.25 - —
prime, ed., bbls. 100 lbs. 13.25 - —
ined., bbls. 100 lbs. 11.25 - —
winter, strained, extra, bbls. 100 lbs. 10.25 - —
prime, bbls. 100 lbs. 10.50 - —
Lavender flowers, French, USP, cns. lb. 2.75 - 7.25
Garden, cns. lb. .45 - .50
Spike, Spanish, tech., cns. lb. .95 - 1.40
dms. lb. .85 - —
Lemon, Calif., cns. lb. 1.50 - —
Messina, coppers, cns. lb. 1.75 - 2.50
Lemongrass, native, cns., dms. lb. .40 - .45
Lime, dist., cns. lb. 5.45 - 6.00
expressed, cns. lb. 9.35 -12.00
Linaloe wood, cns. lb. 1.25 - 1.80
Linseed, boiled, bbls., c.l. lb. .1050- .1070
l.c.l., 5 or over lb. .1090- .1110
less than 5 lb. .1130- .1150
tanks lb. .0990- .1010
double boiled, bbls., less than 5 lb. .1150- .1170
raw, bbls., c.l. lb. .1010- .1030
l.c.l., 5 or more lb. .1050- .1070
less than 5 lb. .1090- .1110
tanks lb. .0950- .0970
Lovage, bots. lb. 65.00 -66.00
Lubricating, at refinery (including U.S. tax 4c. per gal.):—
California, green, 70 vis., tanks. gal. .21½- —
80, 100 vis., tanks. gal. .24½- —
115, 125 vis., tanks. gal. .26½- —
green, pale, 750, 900 vis., tanks. gal. .21½- —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., tanks. gal. .21½- —
pale, red, 100, 140, 1,000 vis., tanks. gal. .21½- —
pale, 75, 175 vis., tanks. gal. .21½- —
Oklahoma, 100 vis., 3 color, tanks. gal. .13¾- .14
150 vis., 0-10° pour, tanks, gal. .17 - —
15-25° pour, tanks. gal. .16½- —
3 color, tanks. gal. .14 - .14¾
4 color, tanks. gal. .13½- .13¾
E, tanks. gal. .21 - —
180 vis., 3 color, tanks. gal. .15¼- .15½
4 color, tanks. gal. .14¾- .15
190 vis., tanks. gal. .25 - —
200 vis., 3 color, tanks. gal. .15¾- .16
4 color, tanks. gal. .15¼- .15½
5 color, tanks. gal. .14¾- .15
E, tanks. gal. .24 - —
220 vis., 3 color, tanks. gal. .16¾- .17
4 color, tanks. gal. .16¼- .16½
5 color, tanks. gal. .16¼- .16½
240 vis., 3 color, tanks. gal. .17¾- .18
4 color, tanks. gal. .17¼- .17½
280 vis., 3 color, tanks. gal. .18¾- .19
4 color, tanks. gal. .18 - .18½
5½ color, tanks. gal. .17½- .17¾
Pennsylvania, bright, 600 cold test, 10-40 pour, tanks, gal. .26¼- —
10-15 pour, tanks. gal. .26½- —
cylinder, 600 fire, tanks, gal. .16 - —
600 flash, tanks. gal. .19 - —
630 flash, tanks. gal. .23¼- —
635 fire, tanks. gal. .17½- —
650 fire, tanks. gal. .18 - —
Warren, E, amber, tanks. gal. .19½- —
neutral, 150 vis., 3 color, tanks. gal. .22½- —
180 vis., 3 color, tanks. gal. .24 - —
200 vis., 2 color, tanks. gal. .26½- —
spot, Penna., bright, bbls., c.l., f.a.s. gal. .30½- —
unfiltered, 600 s.r., bbls., c.l., f.a.s. gal. .23 - —
600 flash, s.r., bbl., c.l., f.a.s. gal. .24½- —
630 flash, s.r., bbls., c.l., f.a.s. gal. .27½- —
650 s.r., bbls., f.a.s. gal. .23½- —
Warren, E, bbls., c.l., f.a.s. gal. .25 - —
smaller lots, f.o.b. gal. .31 - —
Mace, dist., cns. lb. 1.10 - 1.15
Menhaden, crude, tanks, f.o.b. Palto. gal. .25 Nom.
refd., alkali, dms, c.l. lb. .0740- —
l.c.l. lb. .0740- —
tanks lb. .0680- —
blown, dms. lb. .0740- —
kettle-bodied, dms. lb. .0840- —
light pressed, dms, c.l. lb. .0680- —
l.c.l. lb. .0680- —
tanks lb. .0620- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP., bots. lb. 1.73 - 1.78
dist., natural, bots. lb. 8.00 - 9.00
expressed, bbls. gal. .70 - .75
Neatsfoot, cold test, bbls. 100 lbs. 16.00 - —
extra, bbls. lb. 8.75 - —
1, bbls. 100 lbs. 8.50 - —
purs, bbls. 100 lbs. 11.50 - —
Special, bbls. 100 lbs. 10.25 - —
sulphonated, common, 25% moisture, dms. lb. .10½- —
Neroli, bots. lb. 55.00 -60.00
Nutmeg, USP, cns. lb. 1.10 - 1.15
Officica, dms. lb. .14½- .15¼
shipment lb. .13¾- .14
Oleo, 1, bbls. 100 lbs. 9.50 - —
2, bbls. 100 lbs. 9.00 - —
Olibanum, bots. lb. 5.25 - 5.30
Olive, denat., bbls. lb. .74 - .75
edible, bbls. gal. 1.60 - 1.80
foots, bbls. lb. .08 - .08¼
sulphonated, 50% (43% fat), dms., c.l. lb. .09 - —
l.c.l. lb. .09½- —
75% (63% fat), dms., c.l. lb. .12½- —
l.c.l. lb. .13 - —
80% (68% fat), dms., c.l. lb. .13½- —
l.c.l. lb. .14 - —
Orange, sweet, dist., cns. lb. .90 - —
expressed, African, cns., dms. lb. .95 - 1.00
Calif., cns. lb. 2.65 - —
Florida, cns. lb. 2.65 Nom.
Messina, USP, coppers. lb. 2.35 - 2.25
Spanish, cns. lb. 2.50 - 2.65
West India, cns. lb. 2.30 - 2.35
Origanum, Spanish, cns. lb. .70 - 1.35
Orris, Florentine, concrete, extra strong, bots. oz. 5.25 - 5.50
Palm, Niger, cks. lb. .0435- —
shipment lb. .0415- —
softs, 12½%, bulk, shipt. lb. .0370- —
20%, bulk, shipt. lb. .0360- —
Sumatra, tanks. lb. .0440 Nom.
shipment, bulk. lb. .0410 Nom.
Palmarosa, cns. lb. 1.60 - 2.00
Palmkernel, bulk, shipt. lb. .04 Nom.
Paraffin, 320° flash, 60-70 vis., tanks G. S. gal. .05¼- —
336° flash, 70-80 vis., tanks, G. S. gal. .05½- —
50-85 vis., bbls. extra, Ind. refy. gal. .12 - —
350° flash, 100-105 vis., bbls. extra, Ind. refy. gal. .14 - —
360° flash, 100-110 vis. tanks, G. S. gal. .05¾- —
Oil, patchouli, bots. lb. 4.75 - 6.00
Peanut, crude, tanks, works. lb. .08¾ Nom.
refd., edible, bbls. lb. .12 - .13
Pennyroyal, dom., cns. lb. 1.65 - 2.00
import., cns. lb. 1.15 - 1.20
Peppermint, natural, cns. lb. 2.50 - 2.75
redist., USP, cns. lb. 2.75 - 3.00
Perilla, dms. lb. .09½- .09¾
tanks lb. .09 - .09¼
Petitgrain, Paraguay, cns. lb. 1.00 - 1.15
Pimento berry, cns. lb. 2.20 - 2.50
Leaf, cns. lb. 1.05 - 1.10
Pine, dest.-dist., straw-color, dms., dlvd. E. ports. gal. .44 - —
steam-dist., straw-color, bbls. gal. .59 - —
tanks gal. .54 - —
water-white, bbls. gal. .64 - —
tanks gal. .59 - —
Pineneedle, Siberian, cns. lb. .90 - 1.10
Putty, bbls., El Segundo, Richmond, Cal. gal. .22½- —
contracts gal. .19½- —
Whiting, Ind. gal. .28 - —
dms., c.l., Bost., Provid. gal. .25½- —
l.c.l., same basis gal. .27 - —
tanks, same basis gal. .18 - —
Martinez, Cal. gal. .28 - —
Rapeseed, blown, bbls. lb. .11 - .12
denat., bbls. gal. .63 - .65
Red, dist. or saponif., bbls., dlvd. lb. .09¼- .10¼
dms, dlvd. lb. .09 - .10
tanks, dlvd. lb. .08¼- —
white, dms, dvld. lb. .12 - .13
Rose, artif., bots. oz. 2.00 - 3.00
natural, coppers. oz. 5.25 -22.50
Rosemary, tech., cns. lb. .30 - .42
USP, cns., dms. lb. .34 - .45
Rosin, 1st rectfd., dms. gal. .44 - .46
2d rectfd., dms. gal. .49 - .51
3d rectfd., dms. gal. .55 - .57
Rue, bots. lb. 2.15 - 2.20
Sage, cns. lb. 1.70 - 1.75
Salmon, tanks, Pac. cst. gal. .31 Nom.
Sandalwood, Australia, cns. lb. 4.50 - 5.00
E.I., USP, cns. lb. 4.80 - 5.50
Sardine, crude, tanks, Pac. cst. gal. .30 Nom.
rfd., alkali, dms, c.l. lb. .0740- —
l.c.l. lb. .0740- —
tanks lb. .0680- —
kettle-bodied, dms. lb. .0840- —
light, pressed, dms., c.l. lb. .0680- —
l.c.l. lb. .0680- —
tanks lb. .0620- —
poultry feed., dms., Pac. cst. gal. .50 - —
Sassafras, artif., dms. lb. .37 - .38
cns lb. .40 - .41
natural, cns., dms. lb. .75 - 1.25
Savin, cns. lb. 1.70 - 1.75
Sesame, dom., refd., white, dms. lb. .12¾- .13¼
yellow, dms. lb. .12¾- .13¼
Shingle stain, bbls., c.l., works, gal. .17½- —
l.c.l., works gal. .20 - —
tanks, works gal. .14½- —
Snakeroot, Canada cns. lb. 10.25 -12.50
Soybean, dom., crude, dms. lb. .0930- .0990
tanks lb. .0870- —
refd., dms lb. .0980- .1070
tanks lb. .0920- .0970
Spearmint, USP, cns. lb. 1.85 - 1.90
Sperm, bleach, 38°, dms. lb. .0940-.0960
45°, dms. lb. .0870-.0890
natural, dms. lb. .0820-.0840
Spruce, cns. lb. 1.00 - 1.05
Sunflowerseed, refd., dms. lb. .10 Nom.
Sweet birch, North., cns. lb. 3.50 - 3.75
South., cns. lb. 1.90 - 2.10
Tallow, acidless, bbls. 100 lbs. 8.50 - —
tanks 100 lbs. 8.00 - —
Tansy, cns. lb. 1.50 - 1.60
Tar, comml., dms., c.l., dlvd. E. cities. gal. .26 - —
E. ports. gal. .25 - —
l.c.l. gal. .26 - —
tanks, dlvd. E. cities. gal. .20 - —
Tar acid (see T)
Teaseed, dms lb. .09¼- .09½
shipment, dms. lb. .09¼- —
Thyme, NF, red, dms. lb. .68 - .85
white, dms. lb. .80 - 1.10
Tung (see Oil, chinawood).
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T).
Turtle, cns. gal. 4.00 - 5.00
Valerian, bots. lb. 13.50 -14.00
Vetiver, Bourb., bots. lb. 10.50 -11.00
Walnut, crude, dms. lb. .10¼- .10½
refd., dms. lb. .11¼@ .11⅝
Whale, refd., natural, dms. lb. .0710- .0730
winter, bleach., dms. lb. .0750- .0770
White mineral, dom., tech., 50-60 vis., dms. gal. .42 - .44
65-75 vis., dms. gal. .44 - .46
80-90 vis., dms. gal. .45 - .47
U.S.P., 80-90 vis., dms. gal. .54 - .56
95-105 vis., dms. gal. .63 - .65
125-135 vis., dms. gal. .75½- .77½
140-150 vis., dms. gal. .76½- .78½
175-185 vis., dms. gal. .78¼- .80½
200-210 vis., dms. gal. .80 - .82
320-330 vis., dms. gal. .85½- .87½
335-345 vis., dms. gal. .87 - .89
Russian, 75-85 vis., dms. gal. .52 - —
145-155 vis., dms. gal. .74½- —
185-190 vis., dms. gal. .76½- —
275-285 vis., dms. gal. .80 - —
335-345 vis., dms. gal. .85 - —
Wintergreen, natural, North., cns. lb. 4.00 - 8.00
South., cns. lb. 3.35 - 3.75
synth. (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns. lb. 2.25 - 2.30
Wormwood, cns. lb. 2.50 - 2.75
Ylang-ylang, Bourb., bots., cns. lb. 3.50 - 6.00
Manila, bots. lb. 26.00 -30.00
Opium, USP, cns. lb. 11.50 -12.50
gran., cns. lb. 12.50 -13.50
powd., cns. lb. 12.50 -13.50
Orange, chrome (see Yellow, chrome).
Lake, Persian, bbls. lb. .30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore and Wash. lb. .10¼- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash. lb. .10¾- —
Colo., Mont., N. M., Wyo. lb. .10½- —
Other points. lb. .10 - —
smaller lots, dlvd. Ala., etc. lb. .10¾- —
Ariz., etc. lb. .11¼- —
Colo., Mont., N. M., Wyo. lb. .11 - —
Other points. lb. .10½- —
French Tours, csks., ex dock. lb. .17 - —
tgs., ex dock. lb. .18¼- —
Peel, bitter bls. lb. .08¼- .09
Sweet, bls. lb. .09 - .10
Toner, bbls. lb. .80 - —
Orangeflower petals, cs. lb. .35 - .36
Orris root, Florentine, bgs. lb. .09 - .10
fingers, cs. lb. .95 - 1.00
powd., bbls., bxs. lb. .12 - .13
Verona, bls. lb. .08 - .09
powd., bxs., cs. lb. .11 - .12
Orthoaniaidin, bbls. lb. .82 - .84
Orthochloroanilin, dms. lb. .60 - .75
Orthochlorophenol, dms. lb. .85 - .75
Orthocresol, dms. lb. .13 - .15
Orthodichlorobenzene, dms. lb. .06½- .11½
Orthonitroanilin, dms. lb. .45 - .60
Orthonitrochlorobenzene, kgs. lb. .28 - .29
Orthonitroparachlorophenol, cns. lb. .70 - .75
Orthonitrophenol, kgs. lb. .85 - .90
Orthonitrotoluene, dms. lb. .07 - .10
Orthotoluene sulphonate, kgs. lb. 2.00 - 2.05
Orthotoluidin, dms. lb. .14½- .15
Osage orange extract, cryst., bbls. lb. .17 - .19
liquid, 51°, bbls. lb. .07 - .08
Oxyquinolin sulphate, cns., 100-lbs., works. lb. 3.50 - —
bots., cns., 1-50 lbs. lb. 3.65 - 4.00

P

Papain, powd., cs. lb. 1.00 - 1.05
Paprika, Hungarian, bgs. lb. .22 - .22½
Spanish, extra fancy, cs. lb. .21½- .22
fair, bgs. lb. .19½- .20
fancy, med., bgs. lb. .20½- .21
Para-aminoacetanilide, kgs. lb. .85 Nom.
Para-aminophenol, bgs., bbls. lb. 1.05 - —
Hydrochloride, bbls. lb. 1.25 - —
Para-amylphenol, tertiary, dms., l.c.l., works. lb. .50 - —
Parachlorophenol, dms. lb. .80 - .85
Paracymene, rfd., dms. gal. .75 - 1.25
Paradichlorobenzene, dms. lb. .16 - .20
kegs lb. .18 - .20
Paraffin, crude, scale, white 122-124 A.m.p., bgs c.l., Okla., refy. lb. .02¾- .02½
bbls., c.l., N. Y. lb. .0235- —
124-126 A.m.p., bgs. c.l. Okla. refy. lb. .02¾- .02½
bbls., c.l., N. Y. lb. .0240- —
yellow, 124-126 A.m.p., bbls., c.l., N. Y. lb. .02½ Nom.
fully rfd., slabs, 120-122 A.m.p., bgs., c.l. lb. No prices
122-125 A.m.p., bgs., c.l. lb. .0445- —
export, f.a.s. N. Y. lb. .0440- —
125-127 A.m.p., bgs., c.l. lb. .0455- —
export, f.a.s., N. Y. lb. .0450- —
128-130 A.m.p., bgs., c.l. lb. .0490- —
export, f.a.s. N. Y. lb. .0485- —
130-132 A.m.p., bgs., c.l. lb. .0495- —
export, f.a.s. N. Y. lb. .0490- —
133-135 A.m.p., bgs., c.l. lb. .0555- —
export, f.a.s. N. Y. lb. .0550- —
135-137 A.m.p., bgs., c.l. lb. .0580- —
export, f.a.s. N. Y. lb. .0575- —
138-140 A.m.p., bgs., c.l. lb. .0635- —
143-145 A.m.p., bgs., c.l. lb. .0790- —
Refined paraffin prices in cases are ½c. lb. higher than bags price.
match, A.m.p. up to and incl. 110-112, bbls., c.l. lb. .08 - —
semirfd., solid, 122-124 A.m.p., bgs. lb. .02¾- Nom.
Paraformaldehyde, kgs., 1,000 lbs. lb. .88 - —
100-lbs. lb. .89 - —
Paraldehyde, tech., dms., wks. lb. .16 - .18
USP, cbys. lb. .37 - .45
Paranitroanilin, kgs. lb. .47 - .49
Paranitrochlorobenzene, kgs. lb. .23½- .24
Paranitrophenol, kgs. lb. .85 - .87
Paranitrotoluene, kgs. lb. .85 - .87
Paraphenylenediamine, bbls. lb. 1.25 - 1.30
Paratertiaryamylphenol, dms., 36,000 lbs., Wyandotte, Mich. lb. .82 - —
10,000 lbs., same basis. lb. .85 - —
2,000 lbs., same basis. lb. .40 - —
1,000 lbs., same basis. lb. .50 - —
6 lbs., same basis. lb. 1.00 - —
1-5 lbs., same basis. lb. 2.00 - —
tanks, same basis. lb. .81 - —
Paratoluenesulphonamide, bbls. lb. .70 - .75
Paratoluenesulphonanilide, bbls. lb. .55 - —
Paratoluidin, bbls. lb. .58 - .60
Pareira brava root, bls. lb. .13 - .14
Paris green, bxs., frt. all'd E. of Cleve. lb. .26 - .27
kgs., same basis. lb. .22 - .24
kits, same basis. lb. .26 - —
Passion flower herb, bls. lb. .07 - .08
Patchouli leaves, bls. lb. .15 - .16
Pellitory root, bls. lb. .16 - .17
Pennyroyal, bls. lb. .10 - .11
Pentane, norm., 28-38°, dms., c.l., G.S. lb. .10 - —
l.c.l., G.S. gal. .15 - —
tanks, G.S. gal. .09 - —
laboratory grade, dms., c.l., G.S. gal. .19 - —
l.c.l., G.S. gal. .23 - —
Pepper, black, Alleppy, bgs. lb. .08½- .09
Lampong, bgs lb. .04¾- .05
Telllicherry, bgs lb. .09 - .09½
Red, birdseye, new crop, bgs., afloat lb. .15 - 15½
old crop, bgs. lb. 18 - 18½
Japanese, 1, bgs. lb. .11¼- .11¾
Mombassa, bgs lb. .10¾- .11¼
White, Borneo, bgs. lb. .09¾- .09¾
Java, Muntok, bgs lb. .10¼- .10½
Saigon, bgs lb. .10 - .10¼
Singapore, Muntok, bgs lb. .10½- .10½
Peppermint leaves, dom., bls. lb. .30 - .32
import., bls. lb. .45 - .50
Persian berry extract, bbls. lb. .50 Nom.
Peru balsam, dms. lb. 1.05 - 1.10
Petrolatum, amber, dark, bbls., c.l. lb. .02¾- .02¾
light, bbls., c.l. lb. .02¼- .02¾
medium, bbls., c.l. lb. .02¼- .02¼
cream, bbls., c.l. lb. .05 - .05½
green, dark, bbls., c.l. lb. .02¼- .02¾
red, bbls., c.l. lb. .02¾- .02¾
veterinary, bbls., c.l. lb. .02¾- .02¾
white, lily, bbls., c.l. lb. .06 - .06½
snow, bbls., c.l. lb. .07 - .07½
Petroleum, crude, bulk, at wells:—
California:—
Alamitos Heights. bbl. .74 - .85
Athens bbl. .84 - 1.07
Belridge bbl. .70 - 1.32
Buena Vista Hills. bbl. .70 - 1.38
Coalinga bbl. .70 - .90
Coyote Hills (West). bbl. .78 - 1.33
Dominguez bbl. .79 - 1.04
East Coyote bbl. .70 - .90
Elk Hills bbl. .70 - 1.39
Elwood Terrace, f.o.b. ship. bbl. 1.28 - 1.43
Huntington Beach bbl. .78 - 1.22
Inglewood bbl. .79 - 1.27
Kern Front bbl. .70 - —
Kern River bbl. .70 - —
Kettleman Hills bbl. 1.19 - 1.43
La Habra bbl. .74 - .96
Lakeview bbl. .65 - 1.04
Lost Hills bbl. .70 - 1.33
McKittrick bbl. .70 - —
Midway - Sunset (except Lakeview). bbl. .70 - 1.58

Petroleum, crude, bulk, at wells:—
California:—
Montebello bbl. .77 - 1.43
Mt. Poso bbl. .70 - —
Mountain View bbl. .70 - 1.30
Newhall bbl. .70 - —
Olinda Brea bbl. .76 - 1.27
Orcutt bbl. .70 - .98
Playa del Rey, f.o.b. pipeline bbl. .80 - 1.16
Richfield bbl. .76 - 1.09
Rosecrans bbl. .84 - 1.06
Round Mt. bbl. .70 - —
Santa Fe Springs bbl. .78 - 1.42
Santa Paula bbl. .70 - 1.01
Seal Beach bbl. .79 - 1.19
Signal Hill bbl. .80 - 1.21
Torrence bbl. .80 - 1.05
Wheeler Ridge bbl. .70 - .88
Whittier bbl. .76 - .96
Canada:—
Oil Springs bbl. 2.17 - —
Petrolia bbl. 2.10 - —
Central West:—
Illinois bbl. 1.28 - —
Lima bbl. 1.25 - —
Midland (Mich.) bbl. .90 - —
Princeton bbl. 1.13 - —
East Texas bbl. 1.15 - —
Gulf Coast:—
Barber's Hill bbl. .92 - 1.22
Batson bbl. .92 - 1.22
Conroe bbl. 1.24 - 1.64
Dayton bbl. .92 - 1.22
Evangeline bbl. .92 - 1.22
Goose Creek bbl. .92 - 1.22
High Island bbl. .92 - 1.22
Hull bbl .92 - 1.22
Humble bbl. .92 - 1.22
Liberty bbl. .92 - 1.22
Markham bbl. .92 - 1.22
Orange bbl. .92 - 1.22
Pettus bbl. 1.25 - —
Pierce Junction bbl. .92 - 1.22
Port Lavaca bbl. .90 - —
Refugio, heavy bbl. .90 - —
light bbl. .92 - 1.22
Saratoga bbl. .92 - 1.22
Sour Lake bbl. .92 - 1.22
Spindle Top bbl. .92 - 1.22
Sugarland bbl. .92 - 1.22
Terry bbl. .92 - 1.22
West Columbia bbl. .92 - 1.22
Kentucky, Tennessee:—
Oil City, in Stoll lines bbl. .100 - —
Somerset bbl. 1.30 - 1.38
Western Kentucky, all gravities bbl. 1.28 - —
Louisiana, Arkansas:—
Bosco bbl. 1.02 - —
Bull Bayou bbl. .71 - 1.06
Caddo bbl. .78 - 1.10
Cameron Meadows bbl. .82 - 1.12
Cotton Valley bbl. .78 - 1.10
De Soto bbl. .78 - 1.10
El Dorado bbl. .78 - 1.10
Haynesville bbl. .78 - 1.10
Homer bbl. .78 - 1.10
Iowa bbl. .72 - 1.03
Lockport bbl. .92 - 1.22
Miller County bbl. .78 - 1.10
Nevada bbl. .65 - —
Pine Island bbl. .84 - 1.06
Rodessa bbl. .78 - 1.10
Smackover bbl. .75 - .80
Urania bbl. .97 - —
Mexico, f.o.b. terminals, Mexican ports—based on contract:—
Panuco bbl. 1.00 - —
Tax, 12.365c. per bbl.
Tuxpan bbl. No prices
Tax, 20.261c. per bbl.
Midcontinent:—
Corsicana bbl. .80 - —
North Texas bbl. .86 - 1.12
Oklahoma-Kansas bbl. .86 - 1.12
Pennsylvania, Ohio, West Virginia:—
Bradford-Allegany bbl. 2.45 - —
Corning bbl. 1.42 - —
Pennsylvania grade, in Buckeye lines bbl. 1.97 - —
Eureka lines bbl. 2.12 - —
S.W. Penn lines bbl. 2.17 - —
lower district in National Transit lines bbl. 2.37 - 2.43
Rocky Mountain:—
Big Muddy bbl. 1.11 - —
Cat Creek bbl. 1.07 - —
Elk Basin bbl. 1.28 - —
Frannie, heavy bbl. .73 - —
light bbl. .78 - —
Grass Creek, heavy bbl. .72 - —
light bbl. 1.28 - —
Greybull bbl. 1.26 - —
Lance Creek bbl. .75 - —
Pondera bbl. 1.05 - —
Rock Creek bbl. 1.12 - —
Salt Creek bbl. .94 - 1.18
Sunburst bbl. 1.15 - —
South, Central and Southwestern Texas:—
Cass County bbl. .86 - 1.10
Darst Creek bbl. .97 - 1.03
Luling bbl. .90 - —
Lytton Springs bbl. 1.00 - —
Mirando bbl. .85 - —
Panola County bbl. .94 - 1.06
Salt Flat bbl. 1.02 - —
Saxet bbl. .90 - —
Tomball bbl. 1.30 - —
Van bbl. .79 - 1.06
Texas Panhandle:—
Carson-Hutchinson counties bbl. .81 - .92
Gray County bbl. .86 - .96
West Texas:—
Artesia, N. M. bbl. .75 - —
Crane bbl. .75 - .90
Crockett bbl. .75 - .90
Ector bbl. .75 - .90
Glasscock bbl. .75 - .90
Hobbs, N. M. bbl. .65 - —
Hogback bbl. 1.31 - —
Howard bbl. .75 - .90
Jackson, N. M. bbl. .75 - —
Lea, N. M. bbl. .75 - .90
Maljamar, N. M. bbl. .75 - —
Mitchell bbl. .80 - —
Pecos bbl. .75 - .90
Upton bbl. .75 - .90
Winkler bbl. .85 - —
Ether, 30-60°, dms., c.l. G.S. gal. .15 - —
l.c.l., G.S. gal. .17 - —
tanks, G-S. gal. .13 - —
35-60°, dms., l.c.l., G.S. gal. .35 - —
40-75°, dms., c.l., G.S. gal. .15 - —
l.c.l., G.S. gal. .16 - —
tanks, G.S. gal. .13 - —
laboratory grade, dms., c.l., G.S. gal. .19 - —
l.c.l., G.S. gal. .25 - —
10-gal. lots, G.S. gal. .50 - —
Lacquer, diluent, at refinery:—
California, 49-51, 257 i.b.p., 365 e.p., tanks gal. .12 - —
58-62, 160 i.b.p., 270 e.p., tanks, delvd. Los Angeles gal. .13½ - —
San Francisco gal. .14 - —
f.o.b. Richmond gal. .14 - —
Willbridge, Ore.; Pt. Wells, Wash. gal. .14½ - —
61-63, 149 i.b.p., 275 e.p., tanks gal. .15 - —
East Coast, tanks gal. .12 - .13½
drums gal. .19 - —
Group 3, tanks gal. .06⅝ - .06¾

Petroleum, naphtha, cleaners, at refinery:—
East Coast, tanks gal. .09½ - —
Group 3, tanks gal. .07⅝ - .07⅛
tankwagon, Boston, ex-tax, gal. .13 - —
Chicago, inc. 3c. tax gal. .155 - —
Decatur, inc. 3c. tax gal. .163 - —
Des Moines, inc. 3c. tax gal. .183 - —
Milwaukee, inc. 4c. tax gal. .193 - —
Minneapolis-St. Paul, inc. 3c. tax gal. .189 - —
Newark, ex tax gal. .11½ - —
New York, ex tax gal. .11½ - —
Omaha, ex tax gal. .186 - .20
Philadelphia, ex tax gal. .11½ - —
St. Louis, ex tax gal. .153 - —
Syracuse, 150 gals. gal. .14 - —
smaller lots, galv. drums, gal. .16 - —
milk cans gal. .21 - —
high solvency, aromatic, 8, tanks, frt. alld. within 100 mi. radius of Paulsboro, N. J. gal. .17 - —
delivery beyond 100 mi., f.o.b. Paulsboro, frt. equald nearest comp. pt. gal. .16¼ - —
80, same basis gal. .16¼ - .17
hydrogenated, 1, tanks, f.o.b. Bayway, frt. equald. nearest comp. pt. gal. .10 - —
2, same basis gal. .12 - —
3, same basis gal. .10 - —
4, same basis gal. .18 - —
V.m.&p., at refinery:—
California, 49.5, 255 i.b.p., 390 e.p., tanks, f.o.b. El Segundo gal. .13½ - —
Richmond gal. .14 - —
Willbridge, Ore., Pt. Wells, Wash. gal. .14½ - —
54-67, 190 i.b.p., 310 e.p., tanks, delvd. Los Angeles gal. .12½ - —
San Francisco gal. .13 - —
East Coast, tanks gal. .10 - —
Group, 3, tanks gal. .07⅝ - .07⅛
Pennsylvania, tanks gal. .07½ - —
tankwagon, Boston, ex-tax, gal. .10 - —
Chicago, inc. 3c. tax gal. .165 - —
Decatur, inc. 3c. tax gal. .185 - —
Des Moines, inc. 3c. tax gal. .183 - —
Milwaukee, inc. 4c. tax gal. .193 - —
Minneapolis-St. Paul, inc. 3c. tax gal. .180 - —
Newark, ex tax gal. .12½ - —
New York, ex tax lb. .11½ - —
Omaha, ex tax gal. .194 - .204
Philadelphia, ex tax gal. .13 - —
St. Louis, ex tax gal. .152 - —
Solvent, rubber, at refinery:—
California, 60.2-68.5, 167 i.b.p., 230 e.p., tanks, inc. tax gal. .14 - —
62.3, 104 i.b.p., 293 e.p., tanks, inc. tax gal. .14 - —
East Coast, tanks gal. .09½ - —
Group 2, light, 120 i.b.p., 250 e.p., tanks gal. .07⅝ - .07⅛
standard, 180 i.b.p., 288 e.p., tanks gal. .07⅝ - .07⅛
Stoddard (CS 3-28), at refinery):—
East Coast, tanks gal. .06½ - —
Group 3, tanks gal. .06⅝ - .07
tankwagon, Boston, ex tax, gal. .13½ - —
Chicago, inc., 3c. tax gal. .15 - —
Decatur, inc. 3c. tax gal. .17½ - —
Des Moines, inc. 3c. tax gal. .173 - —
Milwaukee, inc. 4c. tax gal. .188 - —
Minneapolis-St. Paul, inc. 3c. tax gal. .164 - —
Newark, ex tax gal. .10½ - —
New Orleans, ex tax gal. .11 - —
New York, ex tax gal. .10½ - —
Omaha, ex tax gal. .14 - .15
Philadelphia, ex tax gal. .11½ - —
St. Louis, ex tax gal. .125 - —
Thinner, at refinery:—
California, 35.5, 300 i.b.p., 413 e.p., low anilin, tanks, f.o.b. Los Angeles gal. .14 - —
Portland, Ore. gal. .15 - —
Richmond gal. .13½ - —
Seattle, Wash. gal. .15½ - —
42-46, 305 i.b.p., 410 e.p., tanks, f.o.b. Point Wells, Wash.: Willbridge, Ore. gal. .12½ - —
Richmond gal. .12 - —
Southern California gal. .11½ - —
45.4, 190 i.b.p., 300—e.p., low anilin, tanks, f.o.b. Los Angeles gal. .18 - —
Portland, Ore. gal. .19 - —
Richmond gal. .17½ - —
Seattle, Wash. gal. .19½ - —
55, 200 i.b.p., 305 e.p., tanks, f.o.b. El Segundo gal. .12½ - —
Portland, Ore. gal. .14½ - —
Richmond gal. .14 - —
Seattle, Wash. gal. .14½ - —
East Coast, 43-47, tanks gal. .09 - —
47-49, tanks gal. .09 - —
Group 3, tanks gal. .06⅝ - .06¾
Pennsylvania, tanks gal. .06⅝ - —
tankwagon, Tax included:—
Albany gal. .135 - —
Baltimore gal. .12 - .15
Bingham, N. Y. gal. .14 - .16
Boston gal. .12 - .13
Bridgeport, Conn. gal. .13 - —
Buffalo gal. .14 - —
Camden, N. J. gal. .115 - .135
Chicago gal. .162 - —
Decatur, Ill. gal. .175 - —
Des Moines gal. .173 - —
Milwaukee gal. .188 - —
Minneapolis-St. Paul gal. .179 - —
Newark gal. .10½ - —
New York lb. .10½ - —
Omaha gal. .15½ - .16½
Philadelphia gal. .115 - .135
Pittsburgh gal. .12 - .14
Providence gal. .12 - .13
Rochester gal. .12 - .16
St. Louis gal. .142 - —
Syracuse gal. .14 - —
Trenton gal. .11½ - .13½
Wilmington gal. .15 - —
contracts, 1,000 gals. gal. .13 - —
Phenobarbital, bots. lb. 4.50 - 4.85
Phenol, USP, dms., c.l. works, frt. equald. lb. .14½ - —
l.c.l., same basis lb. .15 - —
tins, c.l., same basis lb. .15½ - —
l.c.l., same basis lb. .16 - —
Phenolphthalein, USP, bbls., dms., 2,000 lbs. lb. .75 - —
bbls., dms., kegs, 100-250 lbs. lb. .77 - —
yellow, bbls. lb. .70 - —
Phenyl chloride, dms. lb. .16 - —
Phenylacetaldehyde, bots. lb. 4.85 - 5.25
Phenylhydrazin hydrochloride, CP, bots., works lb. 3.80 - 5.10
commercial, kgs., works lb. 2.80 - 6.50
pure, bots., works lb. 2.95 - 3.25

Phloroglucinol, CP, tins, works lb. 20.00 - 22.00
tech., tins, works lb. 15.00 - 16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines, long ton. 4.35 - —
land pebble, 68% min., bulk, mines, long ton. 1.85 - —
70% min., bulk, mines, long ton. 2.25 - —
72% min., bulk, mines, long ton. 2.85 - —
75% basis, 74% min., bulk mines, long ton. 3.35 - —
Tenn., 72%, bulk, mines, long ton. 4.50 - —
75%, bulk, mines, long ton. 5.50 - —
Phosphorus, red, cs. lb. .40 - .44
Yellow, cs. lb. .28 - .37½
Oxychloride, cyls. lb. .16 - .20
Sesquisulphide, cs. lb. .38 - .42
Trichloride, cyls. lb. .16 - .20
Phthalic anhydride, dms., c.l., works, frt. alld. E. of Miss. R. lb. .14½ - —
l.c.l., same basis lb. .15½ - —
Pichi leaves, bgs. lb. .08 - .10
Pilocarpine hydrochloride, bots., vls. oz. 2.50 - 2.75
Nitrate, bots., vls. oz. 2.40 - 2.65
Pimento, bgs. lb. .15½ - .16
Pinkroot, bls. lb. .35 - .36
Pitch, Burgundy (see S).
Coaltar, 160° m.p., bbls., c.l., works ton. 19.00 - —
l.c.l. ton. 22.00 - —
Hardwood, 1-time, dm., c.l., dlvd. Akron ton. 20.00 - 21.00
f.o.b. works ton. 15.00 - —
Linseed. dms. lb. .04½ - .05
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls. bbl. 4.00 - 4.50
Stearin, dms. lb. .03 - .04½
Plaster of paris (see Gypsum).
Pleurisy root, bls. lb. .12 - .18
Podophyllin, cns. lb. 3.00 - 3.25
Poke root, bls. lb. .06½ - .07
Pomegranate bark, bgs. lb. .18 - .19
Root bark, bgs. lb. .40 - .41
Poppy flowers, red, bls. lb. .35 - .40
Seed, Dutch, bgs. lb. .06 - .06½
Hungarian, bgs. lb. .06¼ - .06½
Polish, bgs. lb. .05⅝ - .06⅛
Potash acetate, USP, bbls., kgs. lb. .26 - .28
50% sol., bbls. lb. .06½ - .09
Bicarbonate, USP, cryst., bbls. lb. .09 - .13
gran., bbls. lb. .10 - .14
Bichromate, bbls. lb. .08½ - .09
Binoxalate, dms. lb. .23 - —
Bisulphate, kgs. lb. .15½ - .18
Bromide, bbls. lb. .31 - .33
Carbonate, calc., 99-100%, cks. lb. .06½ - .09
96-98%, cks., c.l., Bost., Balto. arrival lb. .06⅝ - —
l.c.l., 5 or over, same basis lb. .07⅛ - —
N. Y. arrival lb. .07⅛ - —
N. Y. stocks lb. .07⅛ - —
less than 5, Bost., Balto. arrival lb. .07⅛ - —
N. Y. arrival lb. .07⅝ - —
N. Y. stocks lb. .07⅝ - —
80-85%, cks. lb. .07½ - .07¼
Carbonate, hydrated, 83-85%, bbls., c.l., works lb. .06 - —
l.c.l., 10 or over lb. .06¼ - —
1-9 lb. .06⅝ - —
liquid, dms., dlvd lb. .03½ - .03¾
USP, gran., bbls lb. .14 - —
powd., bbls. lb. .17 - —
Caustic, flake, 88-92%, dom., dms., c.l., works lb. .07 - —
l.c.l. lb. .07¼ - .07⅜
import., dms. lb. .07 - .07⅛
liquid, 45% basis, dms. lb. .03½ - .03¾
tanks lb. .02½ - —
solid, 88-92%, dom., dms., c.l., works lb. .06½ - —
l.c.l. lb. .06½ - .06⅝
import., csks. lb. .06¼ - .06⅜
Chlorate cryst., kgs. lb. .09¼ - .09½
gran., kgs. lb. .12 - .13
powd., kgs. lb. .08½ - .08¾
Chloride, tech., 98%, cryst., bbls. lb. .04 - .04½
Chromate, kgs. lb. .23 - .26
Citrate, USP, gran., bbls., 250 lbs. lb. .36 - —
kgs., 100 lbs. lb. .37 - —
cns., 50 lbs. lb. .38 - —
cns., 25 lbs. lb. .40 - .41
Cyanide, cns., dms. lb. .55 - .60
Glycerophosphate, 75% sol., cns., 100 lbs. lb. 1.25 - 1.30
Guaiacolsulphonate, cns. lb. 1.65 - 1.70
Hydroxide, USP, sticks, cns. lb. .36 - .37
Hypophosphite, cns. lb. .72 - .77
Iodate, bbls. lb. 3.20 - 3.25
Iodide, bbls., fib. dms. lb. 1.10 - 1.15
Kainit, high-grade, 20% K_2O, bulk, c.l.f. ports ton. 12.00 - —
Prices for potash kainit, manure salt, muriate, sulphate and potash magnesia-sulphate are subject to discount according to time orders are placed and time of delivery. See fertilizer market report for particulars.
Manure salt, dom., 20% K_2O, bulk, c.l.f. ports ton. 12.00 - —
run of mine, approx. 20% K_2O, bulk, c.l.f. ports, unit-ton. .55 - —
import., 50% K_2O, bulk, shipt. unit-ton. .55 - —
Metabisulphite, kgs. lb. .13½ - —
Muriate, dom., all strengths, min. 50% K_2O, bulk unit-ton. .50 - —
import., all strengths, min. 50% KCl, basis 50% K_2O, bulk, c.l.f. ports unit-ton. .50 - —
Potash muriate prices in bags are $2 ton higher than bulk price.
Oxalate, pure, cryst., kgs. lb. .30 - .31
tech., bbls. lb. .25 - .26
Perchlorate, kgs., works lb. .09 - .11
Permanganate, tech., dms. lb. .18½ - .19
USP, dms. lb. .18½ - .19
Prussiate, red, bbls. lb. .35 - .37
Yellow, bbls. lb. .18 - .19
Silicate alkaline, lump, bags. lb. .07 - —
Sulphate, NF, bbls. lb. .13 - .14
tech., 90-95%, min. 90%, bgs., shipt., c.l.f. ports ton. 36.25 - —
Vegetable, bulk, f.o.b. Balto. ton. 19.97 Nom.
Xanthate, dms., c.l. lb. .13 - —
l.c.l. lb. .13½ - —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt. ton. 24.75 - —
Potash-titanium oxalate, kgs. lb. .33 - .35
Prickly ash bark, bls. lb. .12 - .13
Berries, bls. lb. .15 - .16

Petroleum—Red, Cadmium

Prince's pine herb, bls. lb. .17½ - .18
Propane, tanks, G.S. gal. .01½ - .04⅝
cyls., 100 lbs., G.S. gal. .40 - —
Psyllium seed (see Fleaseed).
Pulsatilla, bls. lb. .15 - .18
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works lb. .03 - —
less than 3, works lb. .03½ - —
F and 1, bbls., 3 or over, works lb. .03¾ - —
less than 3, works lb. .04 - —
0, 0½, 0¾, and ⅛, bbls., 3 or over, works lb. .04 - —
less than 3, works lb. .04½ - —
Ital.-grd., bgs., c.l., shipt., ex dock, N.Y. ton. 33.00 - —
l.c.l., 5-29 tons, ex whse. ton. 38.00 - —
1,000-10,000 lbs., ex whse. ton. 39.00 - —
2 bgs. to 1,000 lbs., ex whse. ton. 41.00 - —
single bgs., ex whse. ton. 46.00 - —
Pumpkin seed, bgs. lb. .11 - .14
Purple lake (see Red).
Putty, com'l, dms. 100 lbs. 3.00 - —
linseed oil, raw, dms. 100 lbs. 4.75 - —
refined, dms. 100 lbs. 5.25 - —
standard, dms. 100 lbs. 3.75 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Seil test) dms. (incl.) frt. alld. E. of Rockies, standard brand. gal. 4.25 - 4.60
standard make gal. 4.25 - 4.60
outside brands gal. 3.75 - —
basis 3.6% pyrethrins, dms. (incl.) frt. alld. E. of Rockies, standard brand. gal. 6.25 - 6.60
Pyrethrum flowers, coarse, grnd. (g.f.p), Japan, bgs., 15 tons or over lb. .11½ - —
fine powd., Dalmat., bbls., kgs. lb. .14 - .15
Japan, bbls., 5 tons lb. .14 - —
Pyridin, denaturing, dms. gal. 1.30 - —
redd., 2°, dms. lb. .40 - —
Pyrites, Spanish, bulk, c.i.f. Atl. ports unit-ton. .12 - .13
Pyrocatechin, CP, cryst., works, fib. dms., tins lb. 2.15 - 2.40
resublimed, fib. dms., tins lb. 4.60 - —

Q

Quassia, chips, bls. lb. .06 - .07
Quebracho extract, liquid, 25% tan., bbls., works lb. .06¼ - —
tanks, works lb. .02¾ - —
solid, 63%, bgs., c.l., ex dock, plus duty lb. .06¾ - —
clarified, 64%, bgs., c.l., same basis lb. .06¾ - —
Queen of the meadow, bgs. lb. .06 - .07
Root, bgs. lb. .06 - .07
Quercitron, extract, liquid, 51°, bbls. lb. .06 - .08
solid, dms. lb. .10 - .12
Quicksilver, dom., flasks (76 lbs. net), dlvd., N.Y. flask. 73.50 - 74.50
Quince seed, bgs. lb. .45 - 1.25
Quinidine, cryst., cns. oz. .91 - .98
Sulphate, cns. oz. .67 - —
Quinine, cns. oz. .74 - —
Acetate, cns. oz. .98 - —
Arsenate, cns. oz. .98 - —
Arsenite, cns. oz. 1.00 - —
Bisulphate, cns. oz. .53 - —
Citrate, cns. oz. .71 - —
Dihydrobromide, bots. oz. .74 - —
Dihydrochloride, bots. oz. .74 - —
Ethylcarbonate, cns. oz. .74 - —
Ferrocyanide, cns. oz. 1.00 - —
Formate, cns. oz. .93 - —
Glycerophosphate, cns. oz. 1.13 - —
Hydrochloride, cns. oz. .66½ - —
Hydrochlorosulphate, cns. oz. .74 - —
Hydriodide, cns. oz. .98 - —
Hypophosphite, cns. oz. .98 - —
Phosphate, cns. oz. .81 - —
Salicylate, cns. oz. .72 - —
Sulphate, cns. oz. .53 - —
Sulphocarbolate, cns. oz. .96 - —
Tannate, cns. oz. .57 - —
Tartrate, cns. oz. .96 - —
Valerate, cns. oz. .92 - —
Quinine-urea hydrochloride, cns. oz. .74 - —

R

R salt, bbls. lb. .52 - .57
Rapeseed, Belgian, bgs. lb. .05 - .05⅛
Dutch, bgs. lb. .05¼ - .05⅜
Japanese, bgs. lb. .05 - .05¼
Raspberries, dried, bbls. lb. .40 - .45
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis lb. 1.10 - —
Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport 1½c.), Miss., N.C., S.C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1½c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
Amaranth (see Red, maroon, lake).
Cadmium, lithopones, deep shade, bbls., ton lots, works, frt. alld. lb. .80 - —
smaller lots, same basis lb. .85 - —
kgs., ton lots, same basis lb. .85 - —
smaller lots, same basis lb. .90 - —
light shade, bbls., ton lots, same basis lb. .65 - —
smaller lots, same basis lb. .70 - —
kgs., ton lots, same basis lb. .70 - —
smaller lots, same basis lb. .75 - —
light-medium shade, bbls., ton lots, same basis lb. .70 - —
smaller lots, same basis lb. .75 - —
kgs., ton lots, same basis lb. .75 - —
smaller lots, same basis lb. .80 - —

Red, Cadmium—Starch

Red, Cadmium, lithopones, maroon shade, bbls., ton lots same basis..lb. .90 - —
smaller lots, same basis. lb. .95 - —
kgs., ton lots, same basis. lb. .95 - —
smaller lots, same basis. lb. 1.00 - —
medium shade, bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis. lb. .80 - —
kgs., ton lots, same basis. lb. .80 - —
smaller lots, same basis. lb. .85 - —
Selenide, bbls., c.l., works..lb. 2.00 - —
l.c.l., works.....lb. 2.50 - —
Orange, bbls., c.l., works..lb. 1.50 - —
l.c.l., works.....lb. 1.75 - —
Carmine 40, cns., 300 lbs....lb. 4.00 - —
100 lbs.....lb. 4.15 - —
11 lbs.....lb. 4.40 - —
Crocus martis (see Red, purple oxide).
Rosin, kgs.....lb. .65 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N.Y..lb. .08¾- —
50%-55%, bbls., same basis..lb. .07 - —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts..lb. 1.25 - —
open order.....lb. 1.30 - —
Lithol toner, bbls., same basis alizarin lake, contracts..lb. .75 - —
open order.....lb. .80 - —
Lithol-rubin toner, bbls., same basis alizarin lake..lb. 1.65 - —
Maroon lake, 25%, kgs., same basis alizarin lake,contracts, lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech.,dom.,bbls., lb. 1.19 - —
Metallic, bbls.. Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works. lb. .08½- —
l.c.l., works.....lb. .09¼- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y..lb. .08¼- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para toner, concent., kgs., same basis alizarin lake, contracts..lb. .75 - —
open order..lb. .80 - —
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N.Y..lb. .04¾- —
ex whse., Chicago, St. Louis..lb. .04¼- —
San Fran., Los Ang., Portland, Seattle....lb. .05 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03 - —
Toner, kgs.....lb. 1.50 - 2.00
Rose lake, bbls.....lb. .20 - .30
Pink, bbls.....lb. .15 - .25
Scarlet ink toner, kgs., same basis alizarin lake..lb. .45 - —
Lake, kgs.,same basis alizarin lake..lb. .25 - .35
Spanish oxide, 1, bbls., c.l., f.o.b. N.Y., Pa., ship. pt. or ex dock N. Orleans, Phila..lb. .03½- —
f.o.b. St. Louis....lb. .03¾- —
l.c.l., f.o.b. Bethlehem, Easton, N.Y., N. Orleans, Phila..lb. .03¾- —
St. Louis.....lb. .04 - —
ex dock or ex whse., San Fran., Los Ang., Port., Seat..lb. .04¼- —
ex whse., Chgo., Cleve., Pgh..lb. .04¼- —
2 bbls., c.l., f.o.b. N. Y., Pa., ship pt. or ex dock N. Orleans, Phila..lb. .02¾- —
f.o.b. St. Louis.....lb. .03 - —
l.c.l., f.o.b. Bethlehem, Easton, N.Y., N. Orleans, Phila..lb. .03 - —
St. Louis.....lb. .03¼- —
ex dock or ex whse., San Fran., Los Ang., Port., Seat..lb. .03¾- —
ex whse., Chgo., Cleve., Pgh..lb. .03½- —
3, bbls., c.l., f.o.b. N.Y., Pa., ship pt. or ex dock N. Orleans, Phila..lb. .0265- —
f.o.b. St. Louis....lb. .0290- —
l.c.l., f.o.b. Bethlehem, Easton, N. Orleans, N.Y., Phila..lb. .0290- —
St. Louis.....lb. .0315- —
ex dock or ex whse., San Fran., Los Ang., Port., Seat..lb. .03¾- —
ex whse., Chgo., Cleve., Pgh..lb. .0340- —
Toluidin toner, kgs., same basis alizarin lake..lb. 1.35 - —
Tuscan, 1, bbls., f.o.b. N.Y., E. St. Louis..lb. .25½- —
2, bbls., same basis.....lb. .30½- —
3, bbls., same basis.....lb. .23½- —
4, bbls., same basis.....lb. .33½- —
5, bbls., same basis.....lb. .24 - —
6, bbls., same basis.....lb. .24 - —
7, bbls., same basis.....lb. .24 - —
8, bbls., same basis.....lb. .23 - —
9, bbls., same basis.....lb. .31½- —
10, bbls., same basis.....lb. .18¾- —
Venetian, bbls., works.....lb. .0190- —
10%, bbls., works.....lb. .0215- —
15%, bbls., works.....lb. .02½- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .02¾- —
30%, bbls., works.....lb. .03 - —
35%, bbls., works.....lb. .0335- —
40%, bbls., works.....lb. .03¾- —
Vermilion, American, bbls., same basis alizarin lake..lb. .15 - —
English quicksilver, bbls., 500-lbs..lb. 1.59 - —
smaller lots.....lb. 1.60 - 1.72
Red dyes are listed under Dyes.
Red precipitate, bxs., 6% dms., kgs., 100-lbs..lb. 1.44 - —
Red saunders wood, ground, bbls. lb. .13 - .17
Resorcinol, tech., cns., works..lb. .75 - .80
USP, cryst., cns., kgs.,works.lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .09 - .10
Rhodinol, bots.....lb. 5.75 - 9.00
Rhubarb, root, bbls., cs., kgs..lb. .80 - .81
powd., bbls., kgs.....lb. .84 - .86
Rochelle salt, cryst., bbls.....lb. .14 - —
powd., bbls.....lb. .13 - —
Rose flowers, pale, bls.....lb. .20 - .23
Red, bls.....lb. 1.55 - 1.60
Water, triple.....djn. 4.75 - 5.00
Rosemary flowers, bls.....lb. .35 - .40
Leaves, bls.....lb. .05 - .05½
Rosin, gum, B, bbls., ex dock. 280 lbs. 5.75 - —
D, bbls.....280 lbs. 6.00 - —
E, bbls.....280 lbs. 6.25 - —
F, bbls.....280 lbs. 6.32½- —
G, bbls.....280 lbs. 6.32½- —
H, bbls.....280 lbs. 6.35 - —
I, bbls.....280 lbs. 6.35 - —
K, bbls.....280 lbs. 6.40 - —
M, bbls.....280 lbs. 6.40 - —
N, bbls.....280 lbs. 6.45 - —
W. G., bbls.....280 lbs. 6.10 - —
W. W., bbls.....280 lbs. 6.10 - —
X, bbls.....280 lbs. 6.95 - —
Rosin, wood, F.F., bbls., spot. 280 lbs. 5.72 - 6.75
works.....280 lbs. 5.00 - —
I, bbls., spot.....280 lbs. 5.97 - 7.00
works.....280 lbs. 4.85 - —
M, bbls., spot.....280 lbs. 6.12 - 7.15
works.....280 lbs. 5.05 - —
N, bbls., spot.....280 lbs. 6.47 - 7.50
works.....280 lbs. 5.60 - —
Rottenstone, dom., bgs., c.l.,f.o.b. mines..ton.35.00 - —
l.c.l., ex whse.....ton.50.00 - —
Import., lump, bbls.....lb. .12 - —
powd., bbls.....lb. .08½- .10
Rue, bls.....lb. .21 - .25

S

Sabadilla seed, powd., bbls....lb. .21 - .22
Saccharin, cns., 1,000 lbs.....lb. 1.70 - —
smaller lots.....lb. 1.75 - 1.90
Safflower, bls.....lb. .33 - .35
Saffron, Mexican, bls.....lb. .50 - .55
Spanish, tins.....lb. 11.00 -11.25
Safrol, cns.....lb. .57 - —
dms.....lb. .54 - —
Sage leaves, Dalmat., fancy, bls, lb. .07 - .07½
stemless, bls.....lb. .06¾- .06½
Sago flour, bgs.....lb. .02¾- .03¼
Salicin, cns.....lb. 4.00 - 4.25
Salol, kgs.....lb. .90 - .95
Salt, reclaimed, bgs., c.l., dlvd., N. Y..ton.13.40 - —
vacuum, common, fine, bgs.,c.l., dlvd. N.Y..ton.14.08 -14.58
l.c.l., dlvd. N.Y.....ton.17.00 - —
Saltcake, grd., dom., bbls.,works. ton.19.00 -23.00
bulk, works.....ton.12.00 -16.00
import, bulk, c.i.f.....ton.12.00 -12.50
Chrome (see Chrome cake).
Saltpeter, crude (see Potash nitrate).
dbl. refined, cryst., bbls., 25 ts c.l.....100 lbs. 6.90 - 7.65
5-24 .....100 lbs. 7.00 - 7.75
1-4 .....100 lbs. 7.25 - 8.00
gran., bbls., 25 to c.l.100 lbs. 5.90 - —
5-24 .....100 lbs. 6.00 - —
1-4 .....100 lbs. 6.25 - —
powd., bbls., 25 to c.l.100 lbs. 6.90 - —
5-24 .....100 lbs. 7.00 - —
1-4 .....100 lbs. 7.25 - —
Santonin, cryst., cns.....lb.43.00 -45.00
Saponin, cns.....lb. 1.45 - 1.50
Sarsaparilla root, Honduras, bls..lb. .45 - .50
Mexican, bls.....lb. .11 - .12
Sassafras bark, ord., bls.....lb. .11 - .12
select, bls.....lb. .19 - .21
Savory, bls.....lb. .07 - .07¼
Saw palmetto berries, bgs.....lb. .18 - .20
Scammony root, bgs.....lb. .06 - .07
Schaeffer's salt, bgs.....lb. .48 - .50
Seidlits mixture, bbls.....lb. .11¾- —
kegs .....lb. .11¾- —
Senega root, bls.....lb. .35 - .36
Senna leaves, Alexandria, bls..lb. .09 - .15
Tinnevelly, No. 1, bls.....lb. .11 - .12
2, bls.....lb. .07¼- .08
3, bls.....lb. .05½- .06
powd., bbls., bxs.....lb. .09 - .10
siftings, bls.....lb. .09 - .10
Pods, bls.....lb. .06 - .07
Serpentaria root, bls.....lb. .45 - .46
Shellac, bleached, bonedry, bbls., f.o.b. N. Y..lb. .18 - .19
dlvd. Boston.....lb. .18½- .19½
Chicago .....lb. .19 - .20
Pacific Coast .....lb. .21 - .22
refd., bbls., f.o.b. N.Y.....lb. .27 - —
dlvd. Boston .....lb. .27½- —
Chicago .....lb. .28 - —
Pacific Coast.....lb. .30 - —
Garnet, bgs.....lb. .16 - .17
Orange, D.C., VSO., Diamond, cases..lb. .25 - .26
superfine, bgs., f.o.b. Bost., N.Y..lb. .15½- .16
dlvd. Chicago.....lb. .16½- .17
Pacific Coast.....lb. .18½- .19
T.N., bgs., f.o.b. Bost., N.Y. lb. .14½- .15
dlvd. Chicago.....lb. .15½- .16
Pacific Coast.....lb. .17½- .18
Varnish, orange, 5-lb. cut, bbls. lb. .90 - 1.05
4½-lb. cut., bbls.....gal. .85 - 1.00
4-lb. cut, bbls.....gal. .80 - .95
white, 5-lb. cut, bbls.....gal. 1.05 - 1.20
4½-lb. cut, bbls.....gal. 1.00 - 1.15
4-lb. cut bbls.....gal. .95 - 1.10
Silica, amorph., dry-grd., 95-97% 325 mesh,bgs.,c.l.,works.ton.20.00 - —
l.c.l., 2½ tons,works.ton.21.50 - —
smaller lots,works.ton.23.00 - —
95-97% 400 mesh, bgs., c.l., works..ton.35.00 - —
l.c.l., 2½ tons,works.ton.36.50 - —
smaller lots, works.ton.38.00 - —
wet-grd., 96-97% 325 mesh, bgs., c.l., works.ton.21.00 - —
l.c.l., 2½ tons,works.ton.22.50 - —
smaller lots, works.ton.24.00 - —
96-98% 325 mesh, bgs., c.l., works..ton.22.00 - —
l.c.l., 2½ tons,works.ton.23.50 - —
smaller lots, works.ton.25.00 - —
99% 325 mesh, bgs., c.l., works..ton.24.00 - —
l.c.l., 2½ tons,works.ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works..ton.14.00 - —
l.c.l., works.....ton.17.00 - —
Silver, bullion.....oz. .44¾- —
Govt. purchase.....oz. .7757- —
Nitrate, vis.....oz. .32¾- .34¾
Nucleinate, cns., 500 ozs....oz. .35 - .36
Proteinate, cns., 500 ozs....oz. .34 - .35
Simaruba bark, bls.....lb. .30 - .32
Skatol, bots.....oz. 4.00 -10.00
Skullcap, Eastern, bls.....lb. .16 - .17
Western, bls.....lb. .14 - .15
Skunk cabbage root, bls.....lb. .11 - .12
Slate flour, bgs., c.l., works.ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .11 - .13
Smalt, black, extra velvet, bbls. lb. .05 - .06
Blue, bbls.....lb. .06½- .07
Snakeroot, Canad., bls.....lb. .24 - .26
Soapbark, bls.....lb. .07 - .08
crushed, bls. bbls.....lb. .11 - .12
cut, bls., bbls.....lb. .09 - .10
powd., bbls.....lb. .13 - .14
Soda ablstate, dms.....lb. .06 - —
Acetate, anhyd., dms.....lb. .09½- .13
flake, 99%, dms.....lb. .04½- .07
Alginate, dms.....lb. .64 - —
Antimoniate, bbls.....lb. .12 - .12½
Arsenate, dms.....lb. .09¼- .11⅛
Arsenite, liq., dms.....lb. .40 - .75
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.25 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
1A .....100 lbs. 2.18 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.33 - —
4 .....100 lbs. 2.93 - —
5 .....100 lbs. 2.20 - —
bbls., c.l., works....100 lbs. 1.50 - —
l.c.l., Zone 1.....100 lbs. 2.37 - —
1A .....100 lbs. 2.42 - —
2 .....100 lbs. 2.52 - —
3 .....100 lbs. 2.77 - —
4 .....100 lbs. 3.17 - —
5 .....100 lbs. 2.47 - —
bulk, c.l., works....100 lbs. 1.10 - —
extra light, 58%, bgs., c.l. 100 lbs. 1.23 - —
l.c.l., Zone 1.....100 lbs. 2.08 - —
1A .....100 lbs. 2.13 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
5 .....100 lbs. 2.20 - —
bbls., c.l.....100 lbs. 1.60 - —
l.c.l., Zone 1.....100 lbs. 2.47 - —
1A .....100 lbs. 2.52 - —
2 .....100 lbs. 2.62 - —
3 .....100 lbs. 2.87 - —
4 .....100 lbs. 3.27 - —
5 .....100 lbs. 2.57 - —
bulk, c.l.....100 lbs. 1.05 - —
ll,ht, 58%, bgs., c.l., works. 100 lbs. 1.20 - 1.23
l.c.l., Zone 1.....100 lbs. 2.08 - —
1A .....100 lbs. 2.13 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
5 .....100 lbs. 2.20 - —
bbls., c.l., works..100 lbs. 1.50 - —
l.c.l., Zone 1.....100 lbs. 2.37 - —
1A .....100 lbs. 2.42 - —
2 .....100 lbs. 2.52 - —
3 .....100 lbs. 2.77 - —
4 .....100 lbs. 3.17 - —
5 .....100 lbs. 2.47 - —
bulk, c.l.....100 lbs. 1.05 - —

Soda ash l.c.l. prices are for 5 or more pkgs. of one sort, dlvd. usual trucking distance of whse., or f.o.b. cars whse. pt.; less than 5 pkgs., add 15c. per 100 lbs.; ex-whse., deduct 10c. per 100 lbs. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky.; Zone 1A, N. E. States (in Me., N.H., Vt., special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N.C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane)

Benzoate, USP, kgs.....lb. .46 - .50
Bicarbonate, gran., bbls., c.l., works..100 lbs. 2.25 - —
powd., bbls.,c.l.,works.100 lbs. 1.85 - —
l.c.l., dlvd. N.Y...100 lbs. 2.55 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd. N.Y...100 lbs. 2.80 - —
Bichromate, csks.....lb. .06½- .07
Bifluoride, bbls.....lb. .11¼- .13
Bisulphate (see Niter cake).
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.25 - 3.35
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 35-40%, cbys., c.l., works..100 lbs. 1.95 - 2.10
Bromide, bbls.....lb. .31 - .32
Cacodylate, jars.....lb. 6.50 - 6.75
Carbonate (see Soda ash, soda monohydrated soda, sal).
Caustic, flake, 76%, grd.,powd., ammon. process, bbls., c.l., works..100 lbs. 3.25 - —
dms., c.l., works.100 lbs. 3.00 - —
l.c.l., Zone 1...100 lbs. 4.00 - —
1A .....100 lbs. 4.05 - —
2 .....100 lbs. 4.15 - —
3 .....100 lbs. 4.40 - —
4 .....100 lbs. 4.80 - —
5 .....100 lbs. 4.05 - —
electro, process, dms., c.l., works..100 lbs. 2.95 - —
l.c.l., same zone prices as ammon. process.
liquid, 47-49%, buyer's tanks, works..100 lbs. 2.22½- —
seller's tanks, works..... 100 lbs. 2.25 - —
70%, buyer's tanks, works, 100 lbs. 2.27½- —
seller's tanks, works..... 100 lbs. 2.30 - —
solid, 76%, ammon. process, dms., c.l.,works..100 lbs. 2.60 - —
l.c.l., Zone 1...100 lbs. 3.60 - —
1A .....100 lbs. 3.65 - —
2 .....100 lbs. 3.75 - —
3 .....100 lbs. 4.00 - —
4 .....100 lbs. 4.40 - —
5 .....100 lbs. 3.65 - —
electro process, dms., c.l., works..100 lbs. 2.85 - —
l.c.l., same zone prices as ammon. process.

Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.

Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06¼- .09
powd., bgs., c.l., works..lb. .06¾- —
l.c.l., works.....lb. .07 - .09¼
Citrate, USP VIII, gran., bbls., 225 lbs. .22 - —
cns., 50 lbs.....lb. .24 - —
25 lbs.....lb. .26 - .27
kgs., 100 lbs.....lb. .23 - —
USP X, gran., bbls., 250 lbs. lb. .28½- —
cns., 50 lbs.....lb. .30½- —
25 lbs.....lb. .32½- .33½
kgs., 100 lbs.....lb. .29½- —
powd., bbls., 250 lbs.....lb. .29 - —
cns., 50 lbs.....lb. .31 - —
25 lbs.....lb. .33 - .34
kgs., 100 lbs.....lb. .30 - —
Cyanide, 96-98%, dom., dms..lb. .15½- .17½
Import. cs.....lb. .16½- .17
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9, same basis.....lb. .08 - —
1-4, same basis.....lb. .08¼- —
95% bbls., c.l., same basis. lb. .07½- —
l.c.l., 10 or over, same basis..lb. .08 - —
5-9, same basis.....lb. .08¼- —
1-4, same basis.....lb. .08¾- —

Soda fluoride prices at Los Angeles are f.a.s. Phila.

Soda, glycerophosphate, cryst., bbls., cns., 100 lbs..lb. 1.15 - —
solution, 75%, cns.....lb. .90 - —
50%, cns.....lb. .55 - —
Hydrosulphite, bbls.....lb. .17 - —
Hydroxide, USP, sticks, cns., 100 lbs..lb. .23 - .24
Hypophosphite, cns.....lb. .67 - .73
Hyposulphite, cryst., large,bbls., 100 lbs. 2.40 - 2.65
pea, bbls.....100 lbs. 2.50 - 3.05
gran., bbls.....100 lbs. 2.75 - 3.30
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 1.90 - 1.95
Metanilate, kgs.....lb. .41 - .42
Metasilicate, cryst., bbls., c.l., works..100 lbs. 2.75 - —
l.c.l., dlvd.....100 lbs. 3.15 - 3.75
gran., bbls.,c.l.,works.100 lbs. 2.15 - —
l.c.l., dlvd.....100 lbs. 2.55 - 3.15
Molyodate, tech., anhyd., kgs., lb. .75 - .80
cryst., kgs.....lb. .65 - .70
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.50 - —
Naphthenate, bbls.....lb. .09 - —
Naphthionate, bbls.....lb. .52 - .54
Nitrate, crude, 100 lb.-bgs. July dlvy, fert. mfrs. indust. buyers, ports..ton.26.50 - —
200 lb.-bgs., same basis.ton.25.00 - —
bulk, same basis.....ton.24.50 - —
rfd., gran., bbls.....100 lbs. 2.25 - —
powd., bbls.....lb. .05¾- —
Nitrite, 96-98%, dom., bbls., c.l. lb. .0710-.0755
l.c.l. .....lb. .0835-.1175
Oxalate, neut., bbls., kgs.....lb. .09 - .11
Perborate, NF, bbls.....lb. .17 - .18
Phosphate, dibasic, tech., bgs., c.l., E. works..100 lbs. 1.90 - —
l.c.l., E. works..100 lbs. 2.15 - —
bbls. c.l., E. works..... 100 lbs. 2.10 - —
l.c.l., E. works..100 lbs. 2.35 - —
Monobasic, anhyd., bbls., c.l. 100 lbs. 7.51 - —
l.c.l. .....100 lbs. 8.35 - —
Tribasic, bgs. c.l. dlvd. E.... 100 lbs. 2.00 - —
l.c.l., 3,500 lbs. or over, 100 lbs. 2.40 - —
less than 3,500 lbs..... 100 lbs. 2.80 - —
bbls., c.l. dlvd E....100 lbs. 2.20 - —
l.c.l., 3,500 lbs. or over.. 100 lbs. 2.60 - —
less than 3,500 lbs..... 100 lbs. 3.00 - —
kgs. c.l. dlvd E.....100 lbs. 2.70 - —
l.c.l., 3,500 lbs. or over... 100 lbs. 3.10 - —
less than 3,500 lbs..... 100 lbs. 3.50 - —

Soda phosphate, tribasic, prices in West are 15c. to 25c. per 100 lbs. higher, depending on location.

Picramate, kgs.....lb. .67 - .69
Prussiate, yellow, dom., bbls., works, contracts..lb. .11¼- —
prompt shipmt.....lb. .12 - .13
import, cks., contracts....lb. .11¼- —
prompt shipmt., cks....lb. .12 - —
Pyrophosphate, anhyd., bbls..lb. .10 - —
cryst., bbls.....lb. .09¼- —
Sal, bgs. dlvd. N.Y.....100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N.Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .47 - —
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works... 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52°, dms., c.l., works.100 lbs. 1.35 - —
l.c.l., 5 or more, works... 100 lbs. 1.60 - —
1-4, works.....100 lbs. 1.75 - —
Silicofluoride, dom., bbls....lb. .06¾- .07½
import, bbls.....lb. .06¾- .07½
Stannate, dms.....lb. .29 - .32
Stearate, lump, bbls, works..lb. .20 - —
powd., bbls., works.....lb. .23 - —
Sulphate, anhyd., bgs., 5 tons or over, dlvd. Bost., N.Y., Phila. areas, or f.o.b. Bost., Jersey City, N.Y., Norfolk, Phila., or frt.equald.100 lbs. 1.15 - —
less than 5 tons, same basis..100 lbs. 1.40 - —
bbls., 5 tons or over, same basis..100 lbs. 1.80 - —
less than 5 tons, same basis..100 lbs. 1.55 - —
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 2.75 - —
less than 5 tons, dlvd.. 100 lbs. 3.00 - —
flake, chips, broken, bbls., c.l. works..100 lbs. 3.50 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 4.00 - —
less than 5 tons, dlvd... 100 lbs. 4.25 - —
solid, bbls., c.l.,works.100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 3.50 - —
less than 5 tons, dlvd... 100 lbs. 3.75 - —
Sulphite, cryst., bgs....100 lbs. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.65
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more....100 lbs. 5.50 - —
1-4 .....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Tungstate, CP, kgs.....lb. 1.30 - 1.40
tech., kgs.....lb. .85 - .90
Solvent naphtha, high-flash,dms., works, frt. equald..gal. .36 - —
tanks, same basis.....gal. .31 - —
Water-white, dms.,works.gal. .35 - —
tanks, E. of Omaha, frt. alld..gal. .30 - —
W. of Omaha, works..gal. .30 - —
Sorbitol, com'l, syrup, dms., basis sorbitol cont., works. lb. .25 -
Sparteine sulphate, cns.....oz. 1.10 - 1.15
Spearmint leaves, bls.....lb. .24 - .25
Spikenard root, bls.....lb. .09 - .10
Spruce extract, bbls., works...lb. .01¼- —
tanks, works.....lb. .01 - —
powd., bgs.....lb. .04 - —
super, bbls., works.....lb. .01¾- —
tanks, works.....lb. .01¾- —
Squawvine leaves, bls.....lb. .14 - .15
Squill, red, bls.....lb. .14 - .18
White, bls.....lb. .07 - .08
powd., bbls., bxs.....lb. .14 - .15
St. Ignatius beans, bgs.....lb. .45 - .50
St. John's bread, bls.....lb. .06 Nom
Starch, corn, pearl, bgs....100 lbs. 3.54 - 3.74
powd., bgs.....lb. 3.66 - 3.86
Iodide, bots .....lb. 1.67 - 1.92
Potato, dom., bgs.....lb. .04½- .05¼
Import, bgs.....lb. .05¾- .06
Rice, bbls.....lb. .07¼ Nom
Wheat, bgs.....lb. .03½- .03¾

Stavesacre seed, bgs.....lb. .35 - .40
Stearin, oleo, bbls.....lb. .10 Nom.
Stillingia root, bls.....lb. .07 - .08
Stonecrot, bls.....lb. .06½- .07
Storax, cs.....lb. .25 - .26
Stramonium leaves, bls.....lb. .07 - .08
Seed, bgs.....lb. .09 - .10
Strontium bromide, bbls.....lb. .50 - .51
Carbonate, pure, bbls.....lb. .30 - .31
Iodide, jars.....lb. 2.80 - 2.85
Nitrate, dom., works, bbls...lb. .08 - .09
import., cks.....lb. .08 - .09
Strophanthus seed, Kombe, bgs. lb. 1.45 - 1.50
Strychnine, crystl., cns.....oz. .48 - .51
powd., cns.....oz. .38 - .41
Acetate, cns.....oz. .64 - —
Arsenate, cns.....oz. .66 - —
Arsenite, cns.....oz. .64 - —
Glycerophosphate, cns.....oz. .65 - —
Hydrochloride, cns.....oz. .64 - —
Hypophosphite, cns.....oz. .75 - —
Nitrate, cns.....oz. .58 - —
Phosphate, crystl., cns.....oz. .65 - —
Sulphate, crystl., cns.....oz. .42 - .45
powd., cns.....oz. .32 - .35
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works. lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .60 - .65
Milk, bbls., c.l.....lb. .13 - —
l.c.l., 10 or over.....lb. .15 - —
less than 10.....lb. .16 - .17
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, 1,000 tons, mines, contracts..long ton. 18.00 - —
less than 1,000 tons, mines, contracts..long ton. 20.00 - —
c.l., spot, nearby, long ton. 21.00 - —
ex vessel, Balto., N. Y., Phila., Southern ports, long ton. 22.00 -25.00
Bost., Portland..long ton. 22.50 -25.50
flowers, bgs.....100 lbs. 3.00 - 3.75
bbls.....100 lbs. 3.85 - 4.10
Sulphur, rfd., broken, bgs. 100 lbs. 2.15 - 2.90
bbls.....100 lbs. 2.30 - 3.05
flour, com'l, bgs.....100 lbs. 1.60 - 2.35
bbls.....100 lbs. 1.95 - 2.70
rfd., ext. fine, bbls..100 lbs. 2.20 - 3.05
heavy, bgs.....100 lbs. 2.55 - 3.30
bbls.....100 lbs. 2.90 - 3.65
light, bgs.....100 lbs. 2.65 - 3.40
bbls.....100 lbs. 3.00 - 3.75
roll, bgs.....100 lbs. 2.35 - 3.10
bbls.....100 lbs. 2.50 - 3.25
Sulphur chloride, dms., works. lb. .06½- .04
tanks, works.....lb. .03 - .04
Dioxide, liq., com'l, cyls., wks. lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works. lb. .11 - .15
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 3.80 - 3.85
Sumac, Sicilian, grd., bgs.....ton. 52.00 -60.00
Extract, 45°, bbls.....lb. .04½- .06½
51°, bbls.....lb. .06½- .08½
Stainless, bbls.....lb. .03½- .09½
Leaf, Sicilian, bls.....ton. 57.00 Nom.
Sunflower seed, Calif., large, bgs. lb. .07 - .07½
medium, bgs.....lb. .06½- .07
poultry, bgs.....lb. .05½- .06
Superphosphate, guaranteed 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.00 - —
run-of-pile, basis 16%, bulk, same basis..ton. 7.50 - —
triple, 44-45% a.p.a., bulk, f.o.b. Balto..unit-ton. .70 - —

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Talc, dom., Calif., 1, bgs., c.l., mills..ton. 20.00 - —
2, bgs., c.l., mills.....ton. 17.00 - —
N.Y., fibrous, 98-94% 325 mesh, bgs., c.l., mills. ton. 15.00 - —
l.c.l., mills.....ton. 15.00 - —
98-96% 325 mesh, bgs., c.l., mills..ton. 14.00 - —
l.c.l., mills.....ton. 16.00 - —
coarse, off color, bgs., c.l., mills..ton. 10.00 - —
Ohio, alum-magn. type, grd. bgs., c.l., mills..ton. 21.00 - —
l.c.l., mills.....ton. 24.50 - —
Vermont, bgs., c.l., mills. ton. 14.00 - —
l.c.l., ex whse.....ton. 25.00 - —
import., Canad., bgs., c.l., dlvd. ton. 28.00 - —
l.c.l., dlvd.....ton. 28.50 - —
French, high-grade, bgs., l.c.l., ex whse..ton. 45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton. 23.00 -25.00
l.c.l., ex whse.....ton. 27.50 -32.50
Italian, 1, bgs., ex dock, arrival..ton. 75.00 -77.00
ex whse.....ton. 85.00 - —
2, bgs., ex dock, arrival. ton. 70.00 -72.00
ex whse.....ton. 75.00 - —
Tallow, animal, edible, bbls..lb. .07½ Nom.
extra, loose, works.....lb. .05½- .06½
special, loose, works.....lb. .05¾- .06
sulphonated, 35% (24% fat), dms., c.l..lb. .06 - —
l.c.l.....lb. .06½- —
50% (43% fat), dms., c.l..lb. .06½- —
l.c.l.....lb. .07 - —
50% (43% fat), dms., c.l..lb. .07 - —
l.c.l.....lb. .07½- —
Tamarinda, W. I., bbls.....lb. .05½- .06
kegs.....keg 4.00 - 5.00
Tankage, animal, dom., grd., 10-15%, bulk....unit-ton. 3.25 & .10
ungr., 10-15%, bulk, unit-ton. 3.00 & .10
fertilizer grade, 11-15%, bulk, Chicago..unit-ton. 2.60 & .10
high-grade, feeding, 11-12%, bulk, Chicago...unit-ton. 3.50 & .10
import., S. Amer., bulk, c.i.f. ports, July shipt...unit-ton. 3.00&.10 Nom.
Tansy leaves, bls.....lb. .18 - .20
Tapioca flour, bgs.....lb. .03½- .06½
Tar, pine, retort, bbls., dlvd. ports gal. .26 - —
dms., c.l., dlvd. E. cities. gal. .26 - —
dlvd. ports.....gal. .25 - —
tanks, dlvd. E. cities...gal. .20 - —
Tar acid oil, 15%, dms.....gal. .22½- .23½
25%, dms.....gal. .24½- .25½
Tartar emetic, tech., fine gran., bbls., 5 or more..lb. .24¾- —
less than 5.....lb. .25 - —
powd., bbls., 5 or more..lb. .24¾- —
less than 5.....lb. .25 - —
U.S.P., powd., bbls.....lb. .30 - .80½
Terebene, cns.....lb. .70 - .75
Terpenyl acetate, cns.....lb. .85 - 1.00
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .26 - —
dms.....lb. .26 - —
Alpha, denat. grade, dms., c.l. lb. .14¾- —
contracts.....lb. .13¾- —
tanks.....lb. .14 - —
contracts.....lb. .13 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., works. lb. .26 - .29½
Tetrachloroethylene, CP, dms. lb. .25 - .29
tech., dms.....lb. .19 - .19½
Tetralin, dms.....lb. .12 - —
Theobromine, cns.....lb. 1.85 - 1.95
Sodiosalicylate, cns.....lb. 1.65 - 1.75
Thiocarbanilide, dms.....lb. .20 - —
Thorium nitrate, cs., works...lb. 2.20 - —
Thyme, French, bls.....lb. .11 - .12
Thymol, bots., 100 lbs.....lb. 1.55 - —
smaller lots.....lb. 1.60 - 1.65
Iodide, kgs., 50 lbs.....lb. 3.15 - 3.20
25 lbs.....lb. 3.25 - 3.30
Tin, crystals, bbls., kgs.....lb. .34 - .34½
Metal, Straits.....lb. .43¼- —
Oxide, bbls.....lb. .47 - .49
Tetrachloride, anhyd., bbls..lb. .22¼- —
Titanium dioxide, bgs., c.l. (20 tons), E., frt. alld..lb. .17 - —
Pac. cst., f.o.b. terminal. lb. .17 - —
l.c.l., 5 tons, E., dlvd....lb. .17¾- —
Pac. cst., ex whse....lb. .17¾- —
1 ton, E., dlvd.....lb. .18 - —
Pac. cst., ex whse....lb. .18 - —
50 lbs., E., dlvd.....lb. .18¼- —
Pac. cst., ex whse....lb. .18½- —
bbls., c.l. (20 tons), E., frt. alld..lb. .17¼- —
l.c.l., 5 tons, E., dlvd...lb. .17¾- —
1 ton, E., dlvd.....lb. .18¼- —
50 lbs., E., dlvd.....lb. .18¾- —
Pigment, barium base, bgs., c.l. (20 tons), E., frt. alld..lb. .06 - —
Pac. cst., f.o.b. terminal. lb. .06 - —
l.c.l., 5 tons, E., dlvd...lb. .06 - —
Pac. cst., ex whse...lb. .06 - —
smaller lots, Pac. cst., ex whse..lb. .06¼- —
50 lbs., E., dlvd.....lb. .06¼- —
bbls., c.l. (20 tons), E., frt. alld..lb. .06¼- —
l.c.l., 5 tons, E., dlvd...lb. .06¼- —
50 lbs., E., dlvd.....lb. .06½- —
calcium base, c.l. (20 tons), E. frt. alld..lb. .06 - —
Pac. cst., f.o.b. terminal. lb. .06 - —
l.c.l., 5 tons, E., dlvd...lb. .06 - —
Pac. cst., ex whse...lb. .06 - —
smaller lots, Pac. cst., ex whse..lb. .06¼- —
50 lbs., E., dlvd.....lb. .06¼- —
bbls., c.l. (20 tons), E., frt. alld..lb. .06¼- —
l.c.l., 5 tons, E., dlvd...lb. .06¼- —
50 lbs., E., dlvd.....lb. .06½- —
Toluidin base, kgs.....lb. .88 - .90
distilled, kgs.....lb. .95 - 1.00
Tolu balsam, cns.....lb. .50 - .55
Toluidin, mixed, dms.....lb. .27 - .28
Toluol (toluene), pure, dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works....gal. .30 - —
Tonga vine, NF, bls.....lb. .35 - .40
Tonka beans, Angostura, cks..lb. 2.50 - 2.60
Triacetin, dms.....lb. .36 - —
Triamylamine, dms., l.c.l., works. lb. 1.25 - —
Trichloroethylene, dms., c.l., works, frt. alld. E. of Rockies..lb. .029 - —
W. of Rockies.....lb. .099 - —
l.c.l., works, frt. alld. E. of Rockies..lb. .094 - —
W. of Rockies.....lb. .104 - —
Tricresyl phosphate, CP, cns., dms., c.l., dlvd...lb. .44½- —
dms., c.l., dlvd.....lb. .30½- —
500 lbs., dlvd.....lb. .34½- —
tech., 1, cns., dlvd.....lb. .33 - —
dms., c.l., dlvd.....lb. .21 - —
500 lbs., dlvd.....lb. .23 - —
2, cns., dlvd.....lb. .21 - —
dms., c.l., dlvd.....lb. .19 - —
500 lbs., dlvd.....lb. .21 - —
Triethanolamine, dms., works. lb. .36 - .80
Triphenyl phosphate, dms.....lb. .37 - .39
Triphenylguanidin, dms.....lb. .68 - .69
Tripoli, air-floated, bgs., c.l., works..ton. 27.50 - —
l.c.l., ex whse. N.Y.....ton. 40.00 - —
1 ton, works.....ton. 30.00 - —
1 bg., works.....bag. 4.00 - —
double-grd., bgs., c.l., works. ton. 18.00 - —
l.c.l., 1 ton, works.....ton. 22.50 - —
1 bg., works.....bag. 3.50 - —
once-grd., bgs., c.l., works. ton. 16.00 - —
l.c.l., 1 ton, works.....ton. 20.00 - —
1 bg., works.....bag. 3.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten meta', powd., 98%, dms. lb. 1.80 - 1.90
Oxide, CP, kgs.....lb. 2.65 - 2.75
tech., kgs.....lb. 1.65 - 1.75
Turmeric root, Alleppy, bgs...lb. .06½- .07
Madras, bgs.....lb. .06 - .06½
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .41½- —
l.c.l., 10, ex dock.....gal. .43½- —
5, ex dock.....gal. .45½- —
wood, dest.-dist., dms., c.l., dlvd. E. ports..gal. .36 - —
l.c.l., same basis.....gal. .38 - —
tanks, dlvd. E. cities...gal. .31 - —
steam-dist., dms., c.l., dlvd gal. .40 - —
l.c.l., dlvd.....gal. .43 - —
tanks, dlvd.....gal. .35 - —

U

Unicorn root, false (see Helonias root). True (see Aletris root).
Uranium oxide, kgs.....lb. 1.50 - —
Urea, dom., 46 + % N, bgs., 20 tons, f.o.b. Atl. ports or Belle, W. Va..ton. 95.00 - —
10 to 19 tons, same basis. ton. 100.00- —
1 to 9 tons, same basis.. ton. 110.00- —
100 to 1,900 lbs., same basis..100 lbs. 6.00 - —
import, 46% N, bgs., 20 tons, f.o.b. Atl. ports, shipt..ton. 95.00 - —
10 to 19 tons, same basis. ton. 100.00- —
1 to 9 tons, same basis.. ton. 110.00- —
100 to 1,900 lbs., same basis..100 lbs. 6.00 - —
pure, cs.....lb. .14¼- .15½
Urea-ammonia liquor, 55% ammon., tanks, f.o.b. Atl. ports. unit-ton. .96 - —
Uva ursi leaves, bls.....lb. .06 - .07

V

Valerian root, USP, bls..... .11 - .12
Valonia, beards, bgs., shipt...ton. 64.50 - —
Cups, bgs., shipt.....ton. No price
Vanilla beans, Bourbon, tins..lb. 3.00 - 3.40
Mexican, tins.....lb. 3.00 - 4.00
cut, tins.....lb. 2.75 - 3.00
South American, tins.....lb. 2.75 - 3.00
Vanillin, ex eugenol, tins, 100 lbs. lb. 3.75 - —
less than 100 lbs.....lb. 3.85 - 4.35
ex guaiacol, tins, 100 lbs....lb. 3.65 - —
less than 100 lbs.....lb. 3.75 - 4.25
Venice turpentine, true, cs...lb. .47 - .48
Verdigris, kgs., lots of 5.....lb. .20 - —
less than 5.....lb. .21 - —
Violet, methyl, toner (see M).
V.M.P., naphthas (see petroleum naphtha, v.m.p.).

W

Wahoo bark, root, bls.....lb. .46 - .47
tree, bls.....lb. .19 - .20
Wattle bark, bgs., shipt.....ton. 27.00 -29.00
Extract, 60°, bbls.....lb. .03½- —
Wax, bayberry, import., bgs...lb. .17½- .20
Bees, white, bleach., slabs., cs. 500 lbs..lb. .36 - .38
yellow, crude, Africa, bgs., lots of 10..lb. .24 - .25
1 bg.....lb. .24½- .25
Brazil, Chile, bgs., 5-10 tons..lb. .26½- .27
1 ton.....lb. .27 - .27½
500 lbs.....lb. .27½- .28
100 lbs.....lb. .28 - .28½
refd., slabs, cs., 500 lbs...lb. .28 - .30
Candelilla, bgs., 1 ton.....lb. .15½- .16
jobbing lots.....lb. .16 - .16½
Carnauba, chalky 3, bgs., 1 ton. lb. .35 - .36
5 bgs.....lb. .35½- .36½
1 bg.....lb. .36 - .37
N. C. 2, bgs.....lb. .38 - .39
N. C. 3, bgs. 1 ton.....lb. .35½- .36½
5 bgs.....lb. .36 - .37
1 bg.....lb. .36½- .37½
refd., bgs.....lb. .40 - .41
yellow, 1, bgs., 1 ton.....lb. .45 - .46
5 bgs.....lb. .45½- .46½
1 bg.....lb. .46 - .47
yellow 2, bgs.....lb. .44 - .45
ceresin, dom., 138°-140° m.p. bgs., 1 ton..lb. .06 - —
jobbing lots.....lb. .09 - —
150°-160° m.p. bgs., 1 ton. lb. .09 - —
jobbing lots.....lb. .10 - —
160°- m.p. bgs., 1 ton....lb. .10 - —
jobbing lots.....lb. .11 - —
import., pure, snow-white, 176° m.p. bgs., 1 ton..lb. .42 - —
1,000 lbs.....lb. .44 - —
500 lbs.....lb. .45 - —
156° m.p., bgs., 1 ton. lb. .44 - —
1,000 lbs.....lb. .45 - —
500 lbs.....lb. .46 - —
yellow, natural, 176° m.p. bgs., 1 ton..lb. .36 - —
1,000 lbs.....lb. .37 - —
500 lbs.....lb. .38 - —
Japan, cs.....lb. .03¼- .03¾
Montan, bgs., c.l.....lb. .10¾- .11¼
5 tons.....lb. .11 - .11½
less than 1 ton.....lb. .11¼- .11¾
Ozokerite, hard green, congeal p. 60°-63° C., bgs..lb. .52 Nom.
70°-72° C., bgs.....lb. .55 Nom.
74°-76° C., bgs.....lb. .58 Nom.
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .22 - .24
cakes, cs.....lb. .32 - .35
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .05 - .06
White precipitate, bbls., bxs., fib. dms..lb. 1.46 - —
Whiting, chalk, com'l, dry-grd., blp. bgs., c.l., works..ton. 12.00 - —
l.c.l., works.....ton. 14.00 - —
bbls., c.l., works.....ton. 15.00 -16.50
l.c.l., works.....ton. 17.00 - —
pap. bgs., c.l., works. ton. 11.20 -12.50
l.c.l., works.....ton. 13.20 -14.50
wet-grd., bgs., c.l., works. ton. 14.50 -15.00
l.c.l., works.....ton. 15.00 -19.00
bbls., c.l., works.....ton. 17.00 -18.00
l.c.l., works.....ton. 18.50 -20.00
glider's, bolted, blp. bgs., c.l., works..ton. 15.00 - —
l.c.l., works.....ton. 16.00 - —
bbls., c.l., works.....ton. 18.00 -19.50
l.c.l., works.....ton. 19.00 -20.00
pap. bgs., c.l., works. ton. 14.50 -15.50
l.c.l., works.....ton. 15.00 -16.50
extra bolted, blp. bgs., c.l., works..ton. 15.00 - —
l.c.l., works.....ton. 16.00 - —
bbls., c.l., works.....ton. 18.00 -22.50
l.c.l., works.....ton. 19.00 -23.00
pap. bgs., c.l., works. ton. 14.60 -17.50
l.c.l., works.....ton. 15.60 -18.50
Paris white, blp. bgs., c.l., works..ton. 15.00 - —
works..ton. 15.00 - —
l.c.l., works.....ton. 16.00 - —
bbls., c.l., works.....ton. 18.00 -24.00
l.c.l., works.....ton. 19.00 -25.00
pap. bgs., c.l., works..ton. 14.60 -20.00
l.c.l., works.....ton. 15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
limestone, air floated, 99.75% 200 mesh, bgs. (extra), c.l., frt. alld. to 23 per ton..ton. 10.00 - —
99.75% 200 mesh, bgs., c.l., same basis..ton. 9.00 - —
95-98% 200 mesh, c.l., same basis..ton. 7.50 - —
40-98% 200 mesh, c.l., same basis..ton. 6.50 - —
gilders, bgs. (extra), c.l., works..ton. 11.50 - —
l.c.l., 8-20 tons, works. ton. 12.50 - —
4-8 tons, works.....ton. 13.50 - —
2-4 tons, works.....ton. 14.50 - —
extra, bgs. (extra), c.l., works..ton. 12.50 - —
l.c.l., 8-20 tons, works.. ton. 13.50 - —
4-8 tons, works....ton. 14.50 - —
2-4 tons, works....ton. 15.50 - —
putty grade, bgs. (extra), c.l., works..ton. 11.00 - —
l.c.l., 8-20 tons, works. ton. 12.00 - —
4-8 tons, works.....ton. 13.00 - —
2-4 tons, works.....ton. 14.00 - —
water-floated, bgs. (extra), c.l., works..ton. 11.50 - —
l.c.l., 8-20 tons, works. ton. 12.50 - —
4-8 tons, works.....ton. 13.50 - —
2-4 tons, works.....ton. 14.50 - —
precipitated, bgs., c.l., works. ton. 15.00 - —
l.c.l., 5 tons, works.....ton. 20.00 - —
smaller lots, works....ton. 25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls.....lb. .06½- .07
thin, natural, bls.....lb. .05 - .05½
rossed, green, bls.....lb. .06 - .06½
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF, bbls..gal. .55 - .65
Leaves, bls.....lb. .07 - .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., c.l., works..ton. 24.00 -30.00
standard, bgs., c.l., works.. ton. 18.60 -24.60
import, 40-70 mesh, bgs., ex dock..ton. 20.00 - —
80-100 mesh, bgs., ex dock. ton. 25.50 - —
120 mesh, bgs., ex dock...ton. 31.00 - —
Wormseed, American, bgs.....lb. .06 - .07
Levant, bgs.....lb. 3.50 - 4.50
Wormwood, bls.....lb. .09 - .10

X

Xylol (xylene), coml., dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works....gal. .30 - —
nitration, dms., works.....gal. .46 - —
tanks, E. of Omaha, frt. alld. gal. .41 - —
W. of Omaha, works....gal. .41 - —
6°, dms., works.....gal. .41 - —
tanks, E. of Omaha, frt. alld. gal. .36 - —
W. of Omaha, works....gal. .36 - —
10°, dms., works.....gal. .33 - —
tanks, E. of Omaha, frt. alld. gal. .33 - —
W. of maha, works.....gal. .33 - —
Xylidin, mixed, dms.....lb. .36 - .37

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.35
Yellow, cadmium, CP, import., bxs..lb. 2.50 - —
Lithopone, all shades, bbls., 1 ton, works, frt. alld. lb. .40 - —
smaller lots, same basis. lb. .45 - —
kgs., same basis.....lb. .50 - —
Sulphide, oranga, bbls., works. lb. 1.00 - 1.10
Yellow, bbls., works.....lb. .90 - —
Yellow, chrome, CP, bbls., dlvd. N of Tenn. and N.C., E of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .11 - —
open order.....lb. .13 - —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1½c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
Dutch pink, bbls.....lb. .06 - .10
Mercury oxide (see M).
Ocher, American, golden, A. bbls., works..lb. .06¼- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —
yellow, A, bbls., works..lb. .02¾- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .01¾- —
E, bbls., works.....lb. .01¾- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01¼- —
H, bbls., works.....lb. .01¼- —
French, all shades, cks., c.l., ex car L. Angeles. lb. .03¾- —
ex dock Balto., Bost., N. Orleans, Phila. (dlvd. or f.o.b., 10c. per 100 lbs. additional..lb. .02½- —
Port., S. Francisco, S. Pedro, Seattle. lb. .03¾- —
f.o.b. N.Y.....lb. .02½- —
l.c.l. dlvd. Brook., Hoboken, J. City, L. I. City, N.Y. (Newark, 5c. per 100 lbs. additional), from dock..lb. .02½- —
from whse.....lb. .03½- —
ex car L. Angeles...lb. .03½- —
ex dock Balto., Bost., N. Orleans, Phila. (dlvd. or f.o.b., 10c. per 100 lbs. additional..lb. .02½- —
Port., S. Francisco, N. Y.....lb. .02½- —
S. Pedro, Seattle. lb. .03¾- —
ex whse, Balto., Bost., N. Orleans, Phila., (dlvd. or f.o.b., 10c. per 100 lbs. additional) lb. .03 - —
Chi., E. St. Louis, Indipolis., K. City, Milwk., St. Louis (dlvd. or f.o.b., 10c. per 100 lbs. additional)..lb. .03¾- —
L. Angeles, Port., S. Francisco, Seattle. lb. .03¾- —
Minneap. (dlvd. or f.o.b., 10c. per 100 lbs. additional...lb. .03¾- —
N. Y.....lb. .03¼- —
Ptsbgh. (dlvd. or f.o.b., 10c. per 100 lbs. additional)..lb. .03¼- —
f.o.b. Bethlehem, Easton..lb. .03¼- —
N.Y., from dock...lb. .02½- —
from whse.....lb. .03½- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N.Y..lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works...lb. .06¾- —
l.c.l., works.....lb. .07 - .07½
Yellow Persian orange (see O).
Zinc, bbls., same basis chrome CP, contracts..lb. .18 - —
open order.....lb. .19 - —
Yellow dock root, bls.....lb. .09 - .11
Yellow root (xanthorisa), bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .08 - .09
Yohimbine hydrochloride, vls. oz. 2.50 - 2.55

Z

Zinc, arsenite, bgs., cs., c.l., consumers..lb. .09¾- .12½
dealers.....lb. .09¾- .12¾
jobbers, E. of Rockies. lb. .09½- .11½
l.c.l., consumers, 5,000 lbs. or over..lb. .10¼- .13½
1,000-5,000 lbs.....lb. .11 - .14
less than 1,000 lbs....lb. .11½- .14½
dealers, 5,000 lbs. or over. lb. .10¼- .13½
1,000-5,000 lbs.....lb. .10¾- .13½
less than 1,000 lbs....lb. .11 - .14
jobbers, E. of Rockies..lb. .10 - .12
Zinc arsenite prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Carbonate, tech., bbls.....lb. .09 - .18½
USP, precip., powd., bbls..lb. .21 - .32
Chloride, fused, dms., works. lb. .04½- .06¾
gran., dms., works.....lb. .05 - .06¾
solution, dms., works.....lb. .04½- —
tanks, works.....lb. .02 - —
Cyanide, bbls., works.....lb. .26 - .33
Dust, bbls., c.l., dlvd.....lb. .06¾- —
l.c.l., 10,000 lbs. or over, dlvd..lb. .07½- —
less than 10,000 lbs., dlvd. lb. .08 - —
Fluoride, bbls.....lb. .20 - .25
Iodide, bots., jars.....lb. 4.00 - 4.05

(Continued on page 36)

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Selling Not Bidding Now

Competition in price has not been outlawed by the Robinson-Patman act: there are no price-fixing provisions in the new statute. But, the act does put a legal end to many common price practices that have been included within the accepted meaning of the term, "competition." In doing this, the law places a premium on selling, as distinguished from bidding for orders. It opens opportunities for sales representatives who know valid reasons why their goods should be bought, whose "selling" ability is something more than knowing how to shave off a nickel here and there, because "We gotta get this bizness."

The foregoing comment has to do with selling industrial materials. The application of the Robinson-Patman act to this "heavy" type of trade is but little comprehended. The packaged goods people have been the ones chiefly concerned about the proscription of rebates and push-money. The industrial markets have had just as many chiselers and shavers. The end of the day of these go-getters is at hand.

It has been proved by actual experience that industrial materials can be sold at a profit in the midst of a price war when the selling is based on intelligent appreciation of the value of the goods and adequate acquaintance with the technical needs of consumers. These conditions were not met by order-trappers with loud-smelling baits. The selling was done by men who knew their goods and fully understood the why and how of their industrial application.

In the new era of the Robinson-Patman act the selling of chemicals, oils, and drugs as industrial materials calls for a type of salesman that is not especially numerous. The new salesman needs technical qualifications more than any one other characteristic. He will be required to keep abreast of the latest developments in technologic operations and to be able to talk intelligently and informatively on the fitness of his wares for what is expected of them. Selling on this basis has been very useful to manufacturers of industrial materials for years. It has now become necessary also.

Quality of product and real service for consumers always would sell goods, even against prices. They now have a fairer field.

Patman Act Procedure

Interpretation of the new Robinson-Patman act is today's chief concern of business. The Federal Trade Commission, as administrative agent under the act, has compiled a digest of opinions, which is more an epitome than an interpretative commentary. Governmental bodies are not constituted as legal counselors, nor do they function in that role further than to give the classical advice of "Punch"—"Don't!"

There is much good in such negative advice. It is, as a matter of general consideration, preferable to the all too common counsel to do this or that until you get caught at it. The fact that it is not more customarily preferred is in itself a commentary on a common habit that is not a commendable one. Legal counsel rather frequently disregards the duty of an attorney as an officer of the court in practices not yet frowned upon in the manner recently becoming noticeable with reference to the aiding and abetting of racketeering and more definite criminality.

It is refreshing, therefore, to come upon the law-regardful opinion of the counsel of the Toliet Goods Association with respect to procedure under the Robinson-Patman act. The cosmetic trade's legal adviser is no quibbler over phraseology. His opinion goes behind the language to the purpose of the statute. His reasoning is sound in an economic sense, as well as in that applicable to the philosophy of a gentleman of the law.

Some portions of the opinions of the T.G.A. counsel have to do with practices peculiar to, and problematical in the cosmetic trade. Others have to do with practices common to all trades. Because of the wide application of the law to these practices; because interpretation directed to affirmation of the law's purposes is desirable; because the T.G.A. counsel thus interprets the act, his opinions on these aspects are printed fully on another page.

The Robinson-Patman act is a part of the law of the United States. Its purpose is the assurance of fair competition. It is not so restrictive of trade practices as many declare it to be. In the language of the T.G.A. counsel, for every industry:—"It is the business of the industry, until the constitutionality of the act has been determined, to obey the act as far as the meaning of the act can be understood."

—O-P-D—

Prodigals and Propagandists

The cowpuncher who strove like Hercules—the "movies" don't tell that part of his story — for thirty days of double or treble NRA hours for thirty dollars, and spent it all in thirty minutes in the "hell places" of the nearest cowtown, was a prodigal. He knew it.

In that knowledge he differed from the dwellers in certain areas—upper New York State for example.

There is a sad, sad commentary on the progress of civilization and its concomitants in the newspaper stories which tell of exhausted or badly depleted water supplies in New York towns where floodwaters stood up to the second-story windows a few months ago. The plains areas, now dried to dead dust, were covered with snow more than chin-deep not many moons ago. They had water enough to make cow-hiding mud still more recently. Are the people of these now-too-wet-now-too-dry places prodigals? Anyhow, they don't know it.

Centuries ago a man stood forth in Egypt and expounded an economic rule about lean years and fat years. His hearers may have been dense, but they had leaders with more easily penetrable shells around their cerebral organs. A storage system was inaugurated.

Knowledge is more widespread today than it was in the days of Joseph. Intelligence—well what is its relative condition? Everybody knows that snows pile up in the Winter; that rains pour out much water in the Spring; that Summer brings dry spells. That is knowledge. Nobody saves the wetness of the snows and the rains to combat the dryness of the droughts. That would be intelligence. There was more of it in the rain-barrel and cistern system of horse-and-buggy days than there is today.

Somebody is due to come forth someday and be listened to as he expounds an idea of thrifty regard for the gifts of nature. It will be just too bad if this convincing expounder also has ideas differing from those now popular with reference to how and by whom the business of saving wetness to fight dryness is to be done. He may recall that they had a dictator in Egypt in the time of lean years and fat years. He may belong to the school that believes "If we can't get anybody to do for us things necessary to be done let's do them ourselves in our way."

—O-P-D—

Why Gasoline Is Taxed

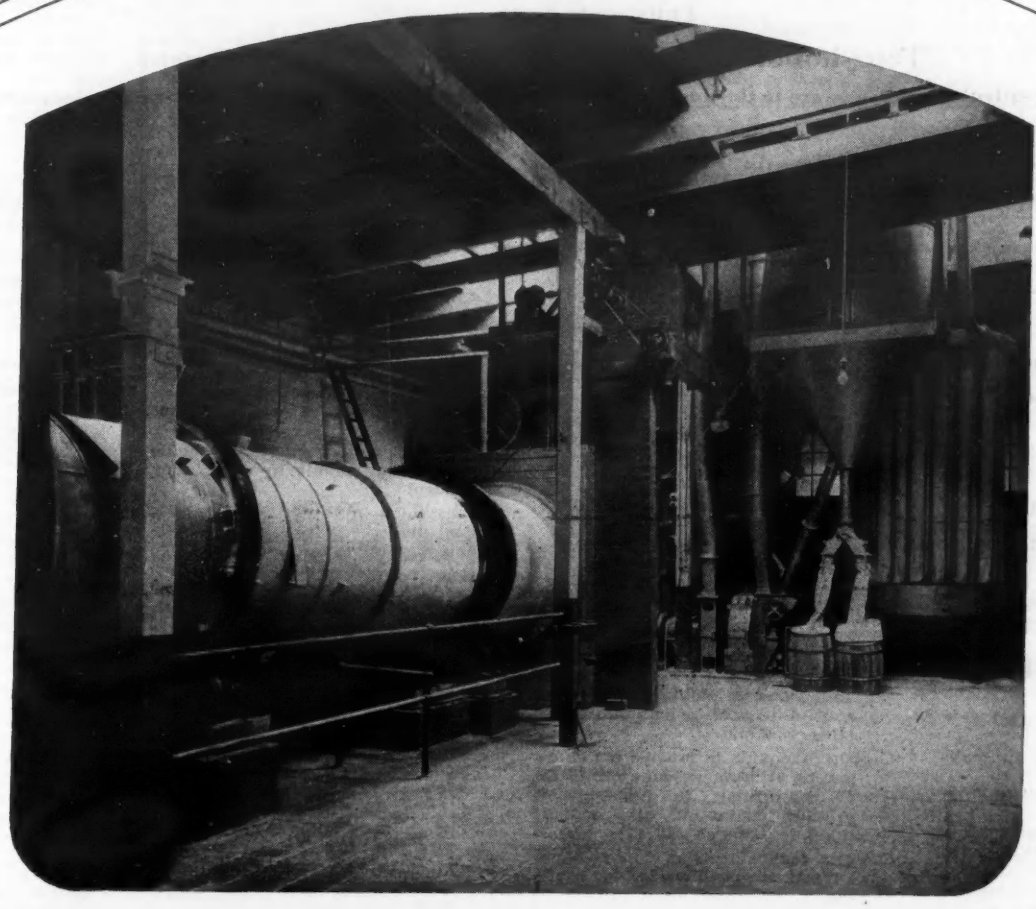
Gasoline taxes are high. But, are they excessive? It can be logically argued that they are not adequate. They are a burden on motorists. But, do they cover the costs that motoring lays upon the community? The fact that 90 percent of the motorcars are owned by families with an income of less than $3,000 a year may give some substance to the charge that the gasoline tax is not based on ability to pay. But, it cannot be denied that its basis is duty to pay.

It is argued against the gasoline tax that the revenue derived therefrom is applied to many purposes other than that for which the levy is statutorily purposed. There is truth in this argument, and strength also. But, the fault is one of statutory construction. A law which limits, or seeks to limit, the use of revenue from a gasoline tax to the construction and maintenance of highways is not adequate; even when the term, "maintenance," includes the customary sort of highway policing, because this policing does not prevent extraordinary costs on the community.

To be adequate, a gasoline tax would have to afford sufficient revenue to provide policing that would at least reduce to a minimum the staggering cost of hospital treatment of victims of motorcar accidents —it is the exception when a hospital gets paid in these cases—that would prevent the unthinkable loss of life resulting from motoring accidents. To be adequate, a gasoline tax would have to provide funds to finance the construction of roadways as nearly foolproof as possible.

A gasoline tax, to be adequate, would have to be large. Yes; it might run to 25 cents per gallon—for a time. The adequate policing that it would provide, supposing it to have a better backing by the punitive authorities than is now the case, would shortly provide funds in the way of fines, or remove the costly type of motorist from the highways. The burden could thus be gradually lifted from the law-abiding portion of the motoring public. An adequate tax would do much to awaken public sentiment to the impunity of motoring lawlessness, which, as is always the case, obliges the law-abiding to suffer for the misdeeds of others.

ESTABLISHED
1849



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Industrial Uses of Chemicals and Related Materials

(Formerly styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

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Four-hundred-ninety-eighth Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Bis(4-hydroxy-5-isopropyl-2-methylphenyl) Sulphide

Disinfectant

Bactericide (Brit. 349004) for—
Staphylococci

Bis(2-hydroxy-5-methylphenyl) Sulphide

Animal Husbandry

As an animal pesticide (Brit. 349004)

Bis(4-hydroxyphenyl-2-arsenic Acid) Sulphide

Fungicide

Fungicide (Brit. 349004) for—
Mildew on roses

Cetylsulphobenzyl Ether Sodium Salt

Soap

Starting point (Brit. 378454) in making—
Detergent by admixture with sodium chloride
Detergent, containing also sodium sulphate and sodium salt of dodecylsulphobenzyl ether

Copper Oxide, Red

(Copper Hemioxide, Copper Protoxide, Copper Suboxide, Cuprous Oxide, Kupferoxydul, Kupferprotoxyd, Oxyde Cuivreux, Oxyde Rouge de Cuivre)

Analysis

Reagent in—
Analytical work

Ceramics

Ingredient of—
Red glazes for porcelain, potteries, chinaware, and the like

Chemical

Catalyst in making—
Aliphatic alcohols and ethers by absorbing olefins at elevated temperatures and pressure in aqueous solutions of acids which are weaker than sulphuric acid and hydrolyzing the product (Brit. 397187)
4:4'-Diaminodiphenyl ether U.S. 1890256)
Organic compounds of the anthraquinone series (U.S. 1892302)
Organic amines (Brit. 402063)
Orthodihydroxybenzenes by the hydrolysis of orthodihalogenobenzenes and their alkyl, alkoxyl, hydroxyl, and nitro derivatives (Brit. 425230)
Ingredient (Brit. 400384) of—
Catalytic mixture used in making higher ketones from lower alcohols and lower ketones
Starting point in making—
Copper salts

Electrical

Ingredient (U.S. 1920151) of—
Anodes in grid-bias batteries

Insecticide and Fungicide

Fungicide for—
Fungoid growths on plants and vegetables, such as hop cones and succulent leaves of tomato and rose

Glass

Ingredient of—
Red glassware

Metallurgical

Electrolyte in—
Electroplating

Paint and Varnish

As a pigment
Ingredient of—
Antifouling paints for ships' bottoms

Tobacco

Fungicide for inhibiting—
Downy mildew

Cuprous Chloride

(Chlorure de Cuivre, Chlorure Cuivreux, Cloruro Rameoso, Copper Chloride, Copper Protochloride, Copper Subchloride, Kupferchlorur, Kuprochlorid, Protochlorure de Cuivre, Protocloruro de Cobre)

Analysis

Absorbent for carbon monoxide in—
Gas analysis
Absorbent for oxygen in—
Gas analysis
Reagent in—
Analytical work

Chemical

Absorbent for—
Butadiene and carbon monoxide (French 705214)
Butadiene and derivatives from gases (French 669337)
Carbon monoxide
Carbon monoxide (using ammoniacal solution) (French 512542)
Carbon monoxide in making formic acid by reacting carbon monoxide with water or steam in the presence of an acid or acid substance (Brit. 396375)
Carbon monoxide in process for eliminating it from gaseous mixtures by absorption in ammoniacal solution containing also copper sulphate (French 629743)
Oxygen (oxychloride is formed and oxygen can be liberated by heating)
Water, carbon dioxide, and carbon monoxide from gaseous mixtures of hydrogen and nitrogen used in the synthesis of ammonia (French 628138)
Catalyst in making—
Chlorine from hydrochloric acid and oxygen
Diluents or solvents for pyroxylin or resin compositions by treating unsaturated hydrocarbons with carbon monoxide and steam (U.S. 1973662)
Nonbenzenoid hydrocarbons from acetylene (Brit. 401678, 384654, and 390179)
Phenol or alphanaphthol by reaction between chlorobenzene or alphachloronaphthalene and steam (French 709184)
Synthetic organic chemicals
Reagent in—
Organic synthesis, for example, Sandmeyer reactions

Fats and Oils

Condensing agent (Brit. 398474) in making—
Polymerized products from glycerin, chlorinated glycerin, or a mixture of glycerin and higher alcohols containing more than three hydroxy groups; such products are used (1) in compounding lubricants (explosion-proof) for use in compressors, valves, and other apparatus; (2) as softeners for shellac and other resins, rendering them soluble in water or alcohol

Insecticide and Fungicide

Ingredient of—
Insecticidal preparations
In viniculture

Metallurgical

Electrolyte (French 611598) in—
Copper refining

Petroleum

Catalyst (U.S. 1973662) in making—
Diluents or solvents for pyroxylin or resin compositions from vapor-phase-cracked petroleum products and carbon monoxide or steam
Decolorizing agent for—
Cracking products (French 610498 and 610499)
Shale oils (French 610498 and 610499)
Desulphurizing agent for—
Petroleum and cracking products (French 611890)

Pharmaceutical

In compounding and dispensing practice

Soap

Condensing agent (Brit. 398474) in making—
Polymerized products from glycerin, chlorinated glycerin, or a mixture of glycerin and higher alcohols containing more than three hydroxy groups; such products are used (1) in compounding lubricants (explosion-proof) for use in compressors, valves, and other apparatus; (2) as softeners for shellac and other resins, rendering them soluble in water or alcohol

Textile

Reagent in—
Denitration of rayon

Fluorinated Paraffin

Electrical

Claimed (Brit. 443340) to be—
Chemically stable material having chemical and physical properties rendering it especially adapted for use as a dielectric material; in particular its high dielectric constant is of special importance in capacitor construction; by using liquid fluorinated wax in place of ordinary mineral oil in capacitors, the bulk of a capacitor of a given capacity rating may be decreased as much as 50 to 75 percent.

(1) It is claimed that fluorinated paraffin is chemically stable and nonvolatile at ordinary temperature; containing about 25 percent of fluorine by weight, it has a pour point of about minus 14° C., a viscosity at 100° C. of 50 seconds, and a specific gravity of 0.99 at 15.5° C. (referred to water at 15.5° C.). Fluorinated paraffin containing 45 percent of fluorine by weight has a pour point of minus 3° C., a viscosity at 100° C. of 94 seconds, and a specific gravity of 1.14 at 15.5° C. (referred to water at 15.5°)

(2) It is claimed that a fluorinated paraffin in which the proportion of combined fluorine is at least approximately equal to the proportion of combined hydrogen is non-inflammable; its dielectric constant varies from about 5 to 7 (the dielectric constant of mineral oil is about 2.2)

(3) It is claimed that by impregnating paper for dielectric cable insulation with fluorinated paraffin it is both rendered non-inflammable and improved in other respects; the impregnated cable is resistant to moisture, is more resistant to electrical breakdown, and these properties are not subject to deterioration due to ageing

(4) It is claimed that fluorinated paraffine has a high viscosity at the operating temperature of electric transformers, or similar apparatus, in which insulating liquids are used also as circulating cooling fluids. To produce a liquid of lower viscosity it is associated with a more highly mobile liquid, such, for example, as trichlorobenzene or tetrachloroethylene. A mixture of 50 parts by weight of fluorinated paraffin and 50 parts of either of the above liquids has been found suitable for use as an insulating and cooling liquid

Trichloro-tertiary-butyl Lactate

Ceramics

Plasticizer (U.S. 1946643) in—
Coating compositions, containing cellulose acetate, used for protecting and decorating ceramic products

Chemical

Plasticizer (U.S. 1946643) for—
Cellulose acetate

Cosmetic

Plasticizer (U.S. 1946643) in—
Nail enamels and lacquers containing cellulose acetate as a base material

Electrical

Plasticizer (U.S. 1946643) in—
Insulating compositions, containing cellulose acetate, used for covering wire and in making electrical machinery and equipment

Glass

Plasticizer (U.S. 1946643) in—
Compositions, containing cellulose acetate, used in the manufacture of nonscatterable glass and as coatings for protecting and decorating glassware

Glues and Adhesives

Plasticizer (U.S. 1946643) in—
Adhesive compositions containing cellulose acetate

Leather

Plasticizer (U.S. 1946643) in—
Compositions, containing cellulose acetate, used in the manufacture of artificial leathers and as coatings for protecting and decorating leathers and leather goods

Metallurgical

Plasticizer (U.S. 1946643) in—
Coating compositions, containing cellulose acetate, used for protecting and decorating metallic articles

Miscellaneous

Plasticizer (U.S. 1946643) in—
Coating compositions, containing cellulose acetate, used for protecting and decorating various products

Paint and Varnish

Plasticizer (U.S. 1946643) in—
Paints, varnishes, lacquers, enamels, and dopes containing cellulose acetate

Paper

Plasticizer (U.S. 1946643) in—
Compositions, containing cellulose acetate, used in the manufacture of coated papers and as coatings for protecting and decorating products made of paper or pulp

Photographic

Plasticizer (U.S. 1946643) in making—
Films from cellulose acetate

Plastics

Plasticizer (U.S. 1946643) in making—
Laminated fiber products
Molded products
Plastics from cellulose acetate

Resins

Plasticizer (U.S. 1946643) for—
Resin-cellulose derivative compositions and solutions

Rubber

Plasticizer (U.S. 1946643) in—
Coating compositions, containing cellulose acetate, used for decorating and protecting rubber products

Stone

Plasticizer (U.S. 1946643) in—
Coating compositions, containing cellulose acetate, used for decorating and protecting artificial and natural stone

Textile

Plasticizer (U.S. 1946643) in—
Compositions, containing cellulose acetate, used in the manufacture of coated textile fabrics

Woodworking

Plasticizer (U.S. 1946643) in—
Compositions, containing cellulose acetate, used as protective and decorative coatings on woodwork
Plastic compositions, containing cellulose acetate, used for many filling and repairing purposes on wood

Heavy Chemicals

Fractional Advance in Antimony Metal—Tin Salts Easier—Calcium Chloride in Good Demand—Chlorine Active—Calcium Acetate Firm — Soda Silicofluoride in Short Supply

Demand in the market for the industrial chemicals reflected some seasonal curtailment in activities of certain industrial units, but the volume of business continued to run considerably ahead of the same time a year ago. Agricultural chemicals continued as the prominent factors from a demand standpoint. Antimony metal was fractionally higher.

Steel strike fears appeared to have been discounted, with the general impression that no trouble of a serious nature would develop in the steel industry in view of the national election, and reports concerning operations indicated that the rate last week was 69 percent of capacity, with substantial bookings that will carry the industry through August at a good production level. Sulphuric acid continued to move out in good volume. Word from the automobile industry was to the effect that operations were holding up surprisingly well, with the result that nickel salt, chromic acid and rubber accelerators were moving out in substantial quantities. Ceramic industry continued to withdraw fair sized amounts of antimony oxide and feldspar and other articles. Textile trade continued to purchase chemicals in a cautious manner, but some divisions of the textile trade were holding up surprisingly well. Potash carbonate was unchanged. Soap trade and chemical processors were taking representative quantities of caustic potash. Alkalies were in favorable demand.

Agricultural chemicals and other products coming under seasonal influences afforded the really bright spots in the buying. Arsenicals continued to move out to the cotton belt. Blue vitriol demand broadened, and sellers reported that the volume was well ahead of the same period a year ago. Calcium chloride enjoyed a broad buying movement, and the warmer weather stimulated the demand side of the market for anhydrous ammonia. Lactic acid was active.

Calcium acetate noted a good buying interest, and with production at seasonal low levels, sellers reported the market was decidedly firm. There was little to report in soda silicate, but soda silicofluoride recorded a broad demand, but stocks were low, giving the market a firm tone. Copper was firm. The tin derivatives displayed an easing tendency, with such a tendency due to the decline in the price for the basic material. Cobalt carbonate held steady, and copperas was firm, with surplus stocks low.

Alums.—Demand in the market for the ammonia and potash alums continued at a good pace throughout the week, with the seasonal influences playing a prominent part, and quotations were steady to firm. There was a fairly active interest shown in the market for the commercial and iron-free products, and no change was disclosed in the quotations.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Antimony metal, ¼c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
153.3	153.3	153.3	153.1

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.4	99.4	99.4	99.3

Market news that may have developed after this report was sent to press will be found on page 4.

Ammonia, Anhydrous.—A broad buying movement was shown for this material again last week, with the warmer weather acting as the stimulating force, and quotations were steady to firm.

Ammonia Aqua.—A representative demand was shown for this article at times during the week just closed, with the shipments moving for routine account, and prices were held at the levels in effect previously.

Ammonia Carbonate.—There was little to report in this direction, with the demand restricted to actual requirements, but the prices continued steady to firm.

Ammonia Perchlorate.—Jobbing quantities again made up the demand in this market, with the quotations displaying a steady to firm tone.

Ammoniac Sal.—Interest here indicated that consumers were covering for immediate production wants only, but the prices retained a steady to firm tone in both the gray and white items.

Antimony.—The market for the metal noted a slight advance during the week, with sellers listing 11⅜c. per pound, and the rise in the price for the domestic was influenced by an increase in the value for the imported item, with reports to the effect that selling in the primary market was quite broad.

Antimony Oxide.—This market continued to enjoy a good demand from the ceramic industry, with the shipments moving out at a consistent pace, and the prices were in line with previous values. The call for the needle material was good again last week, and prices appeared steadier.

Arsenic.—A fairly active buying interest was shown in the market for the white material again last week, and the quotations were considered firm. The buying of the red product was termed spotty, but no change was disclosed in the quotations.

Barium Salts.—There was little to report in this market, with the prices for the nitrate and hydrate holding steady, and the quotations for the chloride remained unchanged. Spottiness marked the demand side of the market for the carbonate.

Bleaching Powder.—A firm tone continued as the outstanding factor in this direction, with the shipments moving out at a good pace, and prices were without change. A fair amount of business was reported on the books for shipments during the balance of the month.

Blue Vitriol.—A good inquiry continued for this material, with the shipments thus far in July surpassing the same period a year ago, and prices were regarded as firm, for the metal price likewise was firm.

Calcium Acetate.—Demand continued good for this material, plus the usual seasonal letdown in production, the market displayed a decidedly firm tone.

Calcium Chloride.—A good inquiry continued for this material, with the shipments moving out for utilization in road projects, and prices retained a firm appearance.

Chlorine.—A decidedly firm tone was shown for this material, with the shipments moving out in volume commensurate with actual production, and prices were unchanged. A substantial volume of business was reported on the books for forward delivery.

Cobalt Acetate.—This market enjoyed a good demand, with the quotations holding at the higher levels established recently.

Cobalt Carbonate.—Although demand was spotty during the week, sellers reported quotations were well maintained at the higher levels put into effect recently.

Copper.—A firm tone ruled in this direction, with buying fairly good. Both world stocks of refined copper and production of the metal declined in June against May, according to statistics issued by the trade last night. World stocks at the end of June amounted to 458,914 short tons, against 466,235 at the end of May, a reduction of 7,321. World mine and smelter output for the month was 131,104 tons, against 142,846 in May, a reduction of 11,742. World consumption for the month was estimated at 142,290 tons, against 137,637 tons in May, an increase of 4,653 tons. Domestic consumption declined to 57,149 tons from 59,906 tons,

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

BARIUM HYDRATE
BARIUM REDUCTION CORPORATION CHARLESTON, W. VA.

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Chemicals - Essential Oils - Synthetics - Bouquets
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SULPHUR
Stauffer
. . . . constantly dependable for half a century
BORIC ACID : CARBON TETRACHLORIDE : BORAX : TITANIUM TETRACHLORIDE : CAUSTIC SODA SULPHUR CHLORIDE SULPHUR : SILICON TETRACHLORIDE CREAM OF TARTAR SULPHURIC ACID : CARBON BISULPHIDE : TARTARIC ACID
STAUFFER CHEMICAL COMPANY
624 California St., San Francisco, Cal. • 2710 Graybar Bldg. New York, N. Y. • Freeport Texas
Carbide and Carbon Bldg. Chicago, Ill. Rives-Strong Bldg. Los Angeles, Cal.
Stauffer

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EASTERN BUYERS, and also EASTERN SELLERS, should consider the advantages offered both in service and freight savings, available through our organization.
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St. Louis, Missouri
Des Moines, Iowa
Chicago, Illinois
Omaha, Nebraska
New Orleans, Louisiana
Memphis, Tennessee
Dallas, Texas
Houston, Texas
San Antonio, Texas
Tulsa, Oklahoma
Wichita, Kansas
Denver, Colorado
Minneapolis, Minnesota
Oklahoma City, Oklahoma
THOMPSON-HAYWARD CHEMICAL CO.
KANSAS CITY. MISSOURI

MANGANESE Sulphate ZINC Sulphate COPPER Sulphate
TENNESSEE
CORPORATION
ATLANTA, GA.-LOCKLAND, O.-IN FLORIDA, U. S. PHOSPHORIC PRODUCTS CORP., TAMPA

BLUE VITRIOL
IRVINGTON SMELTING & REFINING WORKS
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FORMIC ACID

85% and 90% Strengths

Noted for its purity, uniformity and stability. Will not darken when exposed to light. Will not cloud up when diluted. Free from sulphates and chlorides.

VICTOR CHEMICAL WORKS
141 W JACKSON BLVD., CHICAGO ILL.

Fluo-Hard
Magnesium Fluosilicate
Zinc Fluosilicate
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• • •

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while foreign consumption increased sharply to 85,141 tons from 77,731 tons. Domestic stocks of refined copper on June 30 totaled 228,817 tons, against 230,305 a month earlier, while foreign stocks amounted to 230,097 tons against 235,930. Domestic mine and smelter production in June was 56,209 tons, against 62,100 tons in May, while total United States refined copper production for the month was 60,567 tons against 59,374 tons. Foreign refined production of all grades was 74,407 tons, against 72,186 tons.

Copperas.—A broad demand was registered for this commodity, with the surplus stocks at a level favorable to the presence of a decidedly firm tone. Steel mill operations were lower at 69 percent. of capacity.

Feldspar.—Ceramic trade continued to order out substantial quantities of this material, with the quotations regarded as firm.

Glauber's Salt.—A good buying movement was reported for this material, and sellers reported quotations were held unchanged.

Nickel Salt.—This market was much the same as the preceding period, with the shipments moving forward at a fairly good pace, and prices retained a steady to firm price appearance.

Potash Carbonate.—Usual buyers supplied a fairly active interest last week, with the market noting no change in the price structure.

Potash Caustic.—Shipments were moving to the soap trade in fair volume, and sellers described the price tone as firm at the levels in effect for some time past.

Potash Chlorate.—Although the match manufacturing companies and other routine consumers were content to cover for immediate production wants only, sellers reported the price tone held steady.

Saltcake.—There was little to report in this direction, with the paper and glass trades ordering out conservative quantities, but the prices ruled unchanged.

Soda Ash.—Business was considered fairly good for this period of the year, with the demand coming from the routine consumers, and the prices held unaltered. May exports amounted to 9,209,854 pounds, valued at $109,342, of which Netherlands consumed 2,104,040 pounds; Mexico, 2,686,559 pounds; Argentine, 1,188,300 pounds, and Canada, 756,639 pounds.

Soda Caustic.—Betterment in demand was lacking in this direction, with the regular buyers practicing a conservative buying policy, and the quotations were held unchanged. May exports amounted to 11,364,710 pounds, valued at $252,448, of which Mexico consumed 1,930,200 pounds; Canada, 600,511 pounds; West Indies, 1,680,000 pounds; Argentina, 2,314,000 pounds, and Brazil, 955,670 pounds.

Soda Chlorate. — An active interest was shown here, with the demand coming largely from the agricultural areas, and prices ruled unchanged.

Soda Cyanide. — Usual sellers supplied a good demand for this material, and prices were held firm.

Soda Metasilicate. — Shipments were moving out at a good pace, with the buying interest coming from the laundry trade and other usual sources, and prices were without change.

Soda Silicate. — A fair demand was recorded in this market, with the quotations holding unaltered. May exports amounted to 1,259,866 pounds, valued at $18,249, of which the United Kingdom purchased 576,936 pounds; Cuba, 304,265 pounds, and Philippine Islands, 121,374 pounds.

Soda Silicofluoride. — A firm tone continued as the prominent feature in this market, with the firmness resulting from the limited amount of material on hand, and prices were without change.

Tin Salts.—An easier tone was shown in this market during the week just closed, with the easing tendency attributed to decline in the price for the basic material.

Acids

Business in the market for the various acids was termed fairly good, considering the period of the year, and prices generally were steady to firm. Sulphuric acid moved out in good volume to certain industries operating at contra-seasonal levels, and reports were that the steel industry was operating at 69 percent of capacity. Plating industry continued to take fair sized commitments of chromic acid, with the automobile industry working at high levels for this season of the year. And lactic acid demand held up well. There was a routine buying movement noted for boric acid, with a firm tone in evidence. The call for oxalic acid was regarded as good, and quotations ruled steady to firm. The market for battery acid was strictly routine, with a firm tone in evidence.

Acetic.—Demand continued good in this market, and the prices were said to be steady to firm.

Battery.—Demand here continued at a broad pace throughout the week, with the prices displaying a firm tone.

Boric.—This situation offered little change last week, with the shipments moving against contracts in good volume, and the prices were without change.

Chromic—A firm tone was noted in this market, with the plating trade withdrawing fair-sized commitments, and prices were in line with values of the previous period.

Formic.—There was a good demand for this material at times during the week just closed, with the prices displaying a steady tone.

Hydrofluoric.—The silverware trade continued to order out fair-sized quantities, with the sellers holding firmly to previous quotations.

Lactic.—Beverage trade continued to order out substantial quantities, and the quotations ruled firm at previous levels.

Muriatic.—Conditions in this market were relatively unchanged from recent weeks, with the shipments moving out in fair volume, and sellers reported the presence of a steady tone.

Nitric.—Business continued on a favorable scale here during the period just closed, with the interest coming from the usual channels of consumption, and the market was regarded as firm from a price standpoint.

Oxalic.—A broad demand was reported for this material during the course of the week just closed, with a firm tone governing the dealings.

Sulphuric.—This market noted a good inquiry during the week just closed, with the shipments moving in good volume to certain industries operating at contra-seasonal levels. Prices were unchanged. Steel mill operations were estimated at 69 percent of capacity, and the automobile industry was operating at a high level. Some of the lighter trades were also working at substantial production levels.

BALTIMORE, July 15.—The business in sulphuric acid is about as slow as it has been of late, so far as the manufacturers of fertilizer mixtures are concerned. Somewhat more interest in offerings is being manifested, but the present quiet in the industry so far as factory operations are concerned, makes for uneventfulness in the acid market. The producers adhere to their quotations of $12 per ton for 60 degree and of $15 per ton for 66 degrees acid, and they still talk of the possibility of the quotations working higher owing to advances in cost of acid-making materials. Potential buyers in the fertilizer trade, for their part, are inclined to idle along for the present and until the interest in fertilizer mixtures becomes active again. The factories have been generally closed during the last week on account of the exceptionally hot weather, and business in acid has been deferred as a consequence. The market for oleum is also about the same, with the demand restricted and with the figures mentioned around $16.80 per ton for 20 percent supplies.

Insecticides

An active demand was noted in the market for the agricultural insecticides and fungicides during the week just closed. Prices for the arsenicals continued firm. Temperatures were near normal in the western cotton belt, but considerably above normal from the Mississippi Valley eastward. Showers occurred in most districts in the southwestern and central and eastern portions of the belt. The rains were beneficial in the Southeast. All the poison bait materials that could be bought with the special funds granted for the purpose have been allotted to the States to aid in their defensive battle against the grasshopper hordes invading the Central plains. Poison bait prepared from the 160,000 gallons of sodium arsenite and 6,300 tons of bran provided by the Department of Agriculture has been spread over many of the infested fields and being moved rapidly to the rest. Grasshoppers, so far, have been most destructive in Oklahoma, where they have wiped out about 50,000 acres of cotton and at least 50,000 acres of corn.

Bordeaux Mixture. — Demand here continued good during the week just closed, with prices holding unchanged.

Calcium Arsenate. — This market enjoyed a good demand throughout the week just closed, with a firm tone in evidence. May exports amounted to 404,002 pounds, valued at $19,399, of which Mexico consumed 309,268 pounds; Venezuela, 734 pounds; Peru, 70,000 pounds; Colombia, 22,000 pounds, and Salvador, 2,000 pounds.

Lead Arsenate. — A firm tone continued in prominence here, with shipments moving forward in good volume. May exports amounted to 37,258 pounds, valued at $3,346, of which Canada consumed 200 pounds; Panama, 1,000 pounds; Mexico, 2,400 pounds; Jamaica, 1,000 pounds; Argentina, 22,000 pounds; Colombia, 6,800 pounds, and New Zealand, 2,000 pounds.

Nicotine Sulphate. — A firm tone was noted here, with a good inquiry noted. May exports amounted to 24,085 pounds, valued at $15,701, of which Canada consumed 6,346 pounds; Paraguay, 1,100 pounds; Australia, 4,150 pounds, and New Zealand, 11,541 pounds.

Foss Host to Cleveland P.V.L.A.

Approximately sixty members and friends of the Cleveland Paint, Varnish and Lacquer Association, were guests of the Wooster Brush Company, Wooster, O., July 10, when deluxe buses carried the group to the Wooster Country Club for a day's outing. A golf tournament occupied most of the day, with a dinner concluding, when the prizes were awarded. All the Foss family was present including Clifton Foss, sr., head of the Wooster Company and the four sons.

Chemical Containers Shown to Purchasers

(Continued from page 5)

gallon size, according to the manufacturer. The 15½-gallon size, shown above, sells for $12.

Aluminum Drum

The I.C.C. aluminum drum which is conspicuous in the picture is furnished according to specifications 42B for nitric acid, 42C for lacquer and phenol, 42D for hydrogen peroxide. The price range for the 55-gallon size shown is $37.50 to $49.50, and 110-gallon size, $53 to $74.50, depending upon exact specifications and quantity purchased according to the Pressed Steel Tank Company.

The large, 55-gallon, solid-head rubber-lined drum shown in the picture by its blackness is a patented type, two-piece, solid-head drum, acceptable under 5D rubber-lined drum regulations of the Interstate Commerce Commission. The distinct feature of this drum is that each half is entirely integral. It can be parted at the light line which shows the gasket when repairs are necessary to the rubber lining. There is a side opening through which the contents are poured and emptied. This drum is particularly useful for those chemicals requiring a rubber wall. There are certain destructive chemicals which must be transported safely, eliminating the use of fragile and overly expensive types of drums and carboys.

Aluminum Carboy

The very interesting package of the group is the 13-gallon aluminum carboy shown on the extreme left. This vessel is still an experimental item with the Aluminum Company of America. It is made of metal in the side and bottom similar to that used on the Aluminum Company of America standard 10-gallon milk cans. A standard ceramic plug wired on to the slotted flange around the opening will close the vessel. It is likely that this package will seek lively competition with carboys. Its weight is 16 to 17 pounds, and probably will be marketed at a price under $13 each.

'Aero' Carboy Carrier

The carboy in front of the picture shows a ceramic plug used with a glass carboy. This carboy is carried by "Aero" carboy carrier developed by R. W. Lahey, of the American Cyanamid & Chemical Corporation. The front of the box is open for display purposes, and the lid is raised. The essential feature of this carboy is that the glass bottle is held in place by rubber cushion blocks which in turn are carried by block carriers. The cradles are held in place by the pressure of a shim piece which is pushed in position between the corner posts and the block carriers. These shims are shown in the illustration by the peg at the back of the box. The development of this carrier has practically eliminated breakage of carboys, according to E. H. Driver, of the American Cyanamid & Chemical Corporation. When a carboy breaks there are triple losses. The loss of the contents, danger to other neighbor materials, and the impossibility of recapture. The elimination of carboy breakage is an economical gain for any company.

Aluminum-Foil Lining

Immediately above the lid of the carboy is an aluminum-foil-lined fibre drum made by the Container Corporation. The aluminum-foil lining in this package is not shown very clearly. The lid of the package stands above the aluminum foil which reflects the light. This package has been introduced into the industry during the last year for certain needs where protection is important. It promises to be very useful.

Coated Cans

The cans shown in the picture are developed by the American Can Company for carrying beer and ale. Their virtue lies in the coating of the inside of the cans.

'Vinylite' Coating

In this connection the square plate on the black drum indicates a sheet of metal that has had "Vinylite" treatment. This process was first developed by the Carbide & Carbon Chemicals Corporation. The "Vinylite" coating has been applied to the inside shell of drums with considerable satisfaction by the National Enameling & Stamping Company. Liners of this type are to be baked in place at very high temperatures, from 400° to 450° F., under very careful control in order to develop properties of resistance to high solvent actions. All liners are destructible eventually although there are some that are usable for the commercial term of service.

The following products are now carried in "Vinylite" lined steel drums:—Acetone, ammonia, crisco, glycerin, linseed fatty acid, niter cake, denatured alcohol, beer, formaldehyde, jelly, mazola, pine oil, dry yeast, alugel, cottonseed oil, lard, dry milk, pine tar, turpentine.

Oxidation assails all liners, developing pores not unlike the pores of the skin, consequently certain products require packages that have had two liners in order to insure hermetic seal. A basic difficulty with liners is that, the moment a scratch occurs or the surface is marred, solvent action begins so that eventually the lacquer is lifted.

Paraffined Paper Containers

Under the head of novelty packages there are new paraffined paper containers shown with a square cross section and with a special cap for use in carrying milk. There is a minor detail that does not show where a tab pierced with a hole can be lifted from the top of these containers so that the container can be hung on a nail out of reach of a dog or a cat. Another feature in regard to these containers is that they are readily disposable, eliminating cleaning and the turnover expense of glass milk bottles.

Duty Benefits Not Calculable T. C. Finds

(Continued from page 3)

to turn entirely on the amount of profit or loss. It is thus rarely, if ever, possible, in the case of any corporation or group of corporations, to determine even approximately what part of the net income derived from the sale of protected goods may be attributed to the tariff. Furthermore, with respect to the net value of sales it should be noted that in no case may they be used in conjunction with the tariff rates as a basis for computing tariff benefits. This would be true even if, as is rarely the case, all the goods covered by the figures for net sales were dutiable at the same rate.

Effects of Duties Vary

Duties vary from being entirely ineffective to being entirely effective in increasing domestic prices by the extent of the duty, and the degree of effectiveness will vary at different times and for different grades of a given commodity. Even gross tariff benefits, on the assumption that duties are fully effective, could not be computed from sales and rates of duty, because allowance would have to be made for the effect of duties on materials entering into the finished products.

For the computation of tariff benefits, it is usually not sufficient merely to obtain the total gross or net sales of a given corporation. This is true not only because most large corporations produce a number of commodities, usually in a wide range of varieties and grades, but also because commodities are frequently minutely classified in the tariff, and differences in duties are made on the basis of foreign value, weight, size, degree of purity, and the like. For example, the tariff distinguishes over 250 steel items and perhaps an even larger number of chemical items. Sales by articles and grades of articles according to the tariff classification usually could be obtained, if at all, only by tabulating invoices of individual sales, a time-consuming task which might take months for one company. This is particularly true because domestic sales are rarely classified on a company's books in the same way or in as great detail as are imports for duty purposes.

Deductions a Factor

Moreover, even if the gross amount of protective benefits received by a given company could be computed on the assumption of fully effective duties, it would still be necessary to make deduction for the compensatory element present in the duties on most finished products. If the duties on finished products are assumed to be fully effective, the same assumption must be made as regards the duties on purchased articles entering into their manufacture. This calculation would involve even greater difficulties than those encountered in estimating gross protective benefits.

The few articles covered by the resolution for which reliable domestic and foreign prices may be obtained present special difficulties both as to the comparability of the domestic and foreign products and as to the factors affecting prices. Even where accurate price comparisons are practicable, the factors affecting prices here and abroad are so numerous and so fluctuating that the degree of effectiveness of tariff duties, as far as it can be estimated at all, can be estimated only roughly and then only after long study. It would be impracticable in any reasonable time to make any worth-while estimates as to the effectiveness of the tariff on articles covered by the resolution, even if the entire staff of the Commission should concentrate upon this one task.

Soybean Cultivation Urged By Mexico on Its Farmers

The Department of Agriculture of Mexico is endeavoring to create interest among Mexican farmers in cultivation of the soybean, according to information received by the Department of Commerce from the American commercial attache at Mexico City. The States of Sonora and Sinaloa, it is pointed out, afford especially good fields for development as the soil there has the requisite moisture for soybean growing. In the early part of 1935 Mexico had about 50 acres of soybean groves and while there has been some substantial increase the Government is anxious to expand this acreage.

It's
CERTAIN
Each of us has his scale of values. To one user, the uniform purity of Diamond Alkalies may be the stellar virtue; to another, their consistent full strength; to a third, their dependability of supply. Diamond Alkalies are all things to all users,—products of the highest quality, always reliable and correct to the last detail.
Diamond Products
58% Soda Ash
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Diamond Soda Crystals
Modified Soda
Special Alkalies
Liquid Chlorine
DIAMOND
ALKALI
UNIFORM QUALITY
DIAMOND ALKALI COMPANY
PITTSBURGH, PA. *and Everywhere . . .*

CHEMICALS

Barrett

COKE OVEN LIGHT OIL DISTILLATES

SHORT BOILING RANGES

Short boiling range at desired temperatures promotes quick completion of evaporation or drying processes and reduces loss of solvent in recovery operations. Close and careful cutting provides extremely short boiling ranges of Barrett Coal-tar Solvents. This holds true for coal-tar solvents of both low and high initial points.

Barrett Coke Oven Light Oil Distillates include Benzols, Toluols, Xylols, Solvent Naphtha and Hi-Flash Naphtha with a wide range of initial and end points. Write for our convenient specification chart and for complete information on Barrett Coal-tar Solvents. Inquiries for special solvents are invited and will receive the careful attention of experts in the manufacture and use of coal-tar solvents.

BENZOL
TOLUOL
XYLOL
SOLVENT NAPHTHA
HI-FLASH NAPHTHA

THE TECHNICAL SERVICE BUREAU of The Barrett Company invites your consultation with its technically trained staff, without cost or obligation. Address The Technical Service Bureau, The Barrett Company, 40 Rector Street, New York.

THE BARRETT COMPANY
40 Rector Street, New York, N. Y.

BARRETT

Coaltar Chemicals

Crude Naphthalene Slower—Cresylic Acid Shortage Acute—Fair Demand for Benzol—Good Call for Phenol—Toluol Firm —Phthalic Anhydride and Betanaphthol Active

Demand in the market for the coaltar products continued at a good pace throughout the week just closed. Manufacturing consumers continued to withdraw full contract allotments of cresylic acid, toluol, xylol and solvent naphtha. Crude naphthalene continued quiet. Phthalic anhydride and betanaphthol continued in good demand. Colors were steady.

The shortage in cresylic acid continued acute, for the synthetic resin makers and other routine consumers were withdrawing full contract allotments, and indications were that relief in the immediate future as far as the shortage was concerned apparently was not in the offing. This condition prevailed in the domestic as well as the imported material. Creosote oil displayed a steady to firm tone, with the shipments moving out at a fair pace. Crude naphthalene moved through another quiet week, with the reports in the trade relating that offerings from abroad were more numerous last week, with the price showing an easing tendency. But this condition was said to be due in a large measure to the fact that the more important consumers of naphthalene apparently are covered for the balance of the year.

Benzol price was unchanged, with the demand showing some improvement. The betterment in demand could be attributed in part to the continuance of relatively high production schedules in certain consuming industries, which might be classified as a contra-seasonal trend in some instances, particularly the rubber trade, plus the caution with which the trade was viewing the labor situation in the steel industry. Reports on the labor situation last week seem to be leaning toward the belief that no strike would develop until after the election, if then. Reports further stated that the organizing of the steel industry by the Lewis forces has not been up to expectations. Steel operations last week were estimated at 69 percent. of capacity, a slightly lower level than the preceding period, but an exceptionally high ratio for this period of the year. And indications were that the volume of business on the books for July assured a relatively high operating level.

Toluol, xylol and solvent naphtha continued firm. In fact, the volume of business transacted in those items was sufficient to absorb current supplies. The automobile industry was working on good production schedules. Phthalic anhydride and betanaphthol continued active, and there was a fair demand for anilin oil. The lighter shades continued prominent in the market for the colors.

Price Changes

Prices were changed during the past week as follows:—

Advanced
None

Reduced
None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
126.4	126.4	126.4	122.8

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—Business held up fairly well here during the week just closed, with the prices displaying a steady tone. Shipments were moving to the rubber trade and other routine consumers in volume sufficient to cover for nearby requirements. Steel mill operations were estimated at 69 percent. of capacity by Iron Age. This source also reported that July demand for nearly all steel products has exceeded expectations of the industry in view of the heavy booking in June, and that incoming business will hold schedules at or near the approximate levels until the end of July, and at the same time a backlog is being built up for August that will prevent as sharp a dig in production as has been forecast. The fact that a national election is being held this year was given as a reason that will more than likely forestall any serious labor trouble developing in the steel industry.

Creosote Oil.—An inquiry of favorable proportions was noted in this market during the week just ended, with the prices displaying a steady tone. May exports amounted to 19,547 gallons, valued at $3,547, of which Canada consumed 1,795 gallons; Mexico, 12,484 gallons; Cuba, 4,583 gallons and Peru, 276 gallons.

Cresylic Acid.—The scarcity of this material continued as the feature in the market as a whole, with the prices displaying a decidedly strong tone. Synthetic resin makers as well as other usual consumers furnished the interest, and indications were that no relief was in the immediate offing.

Naphthalene.—Business continued to move at a rather slow pace during the period just closed, with the quiet due largely to the fact that the majority of bigger consumers have covered for the year for their supplies. Reports last week were that offerings from abroad were more numerous, and the greater portion of these offerings were said to be under the $3 per 100 pound level. Household grades were quiet.

Phenol.—A substantial demand was shown for this product again last week, with the market holding firm. And the buying interest continued to originate in the usual channels of consumption. Prices were identical to those in effect previously.

Solvent Naphtha.—A firm tone was reported for this material again last week, with the shipments of the industrial water white commodity moving forward in volume equivalent to actual production. A firm tone ruled the market for the high flash.

Toluol.—Shipments were moving out in good volume throughout the period under review, with the automobile industry producing at a relatively high rate. Indications were that a good rate of operations would be continued in the automobile industry during the current month.

Xylol.—The volume of business transacted in this market was sufficient to give the market a decidedly firm tone, and sellers were asking the quotations in order previously.

CHICAGO, July 15.—With the exception of the benzols, there is a strong and generally healthy market condition in the coaltar bases. Demand is mostly proving good for this general class of material. Toluol movement is good, with creosote oil strong. Benzol is moving at slightly lower prices in most cases. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 18c. per gallon; motor benzol, 11c. to 13c.; toluol, 30c.; 10-degree xylol, 33c.; solvent naphtha, 30c.; creosote oil, grade 1, 12½c. to 13½c.

Coaltar Acids

Anthranilic.—A fair inquiry was shown for this material, with the quotations holding steady.

Broenner's.—This market noted a steady tone during the week, with the quotations holding unchanged.

Malic.—A good inquiry was reported for this material again last week with sellers reporting the presence of a steady to firm tone.

Salicylic.—Nothing of importance developed in this market, with a firm tone in prominence, and usual consumers supplied the inquiry.

Succinic.—Quiet prevailed in this direction again last week, but the market retained a steady to firm tone.

Sulphanilic.—Usual buyers supplied a representative demand in this market, and quotations were in line with values in effect previously.

Tobias.—Although the week was a rather drab affair, sellers reported quotations were steady to firm.

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

Other Intermediates

Anilin Oil.—A good inquiry was reported for this product again last week, with the shipments moving out at a representative pace to usual consumers, and prices were well maintained.

Benzidin Base.—This market noted a firm tone throughout the week just closed, with the buyers covering only when needs reached an urgent point.

Betanaphthol.—No slackening was shown in the call for this material during the week just closed, with the sellers reporting the presence of a decidedly firm tone.

Dinitrotoluene.—A fairly active call was noted for this material during the week just closed, with the price tone holding firm.

Metanitroanilin. — Shipments were moving forward in moderate volume during the week just ended, with the prices displaying a steady to firm tone.

Nitrobenzene.—This market presented little change during the course of the week just ended, with the demand characterized as fair and a steady tone governed the dealings.

Orthotoluidin.—Although usual buyers were exercising a cautious buying policy, sellers reported the price tone was steady to firm.

Phthalic Anhydride.—This market was much the same as the preceding period, with demand moving along at a good clip, and the quotations displayed a firm tendency.

Toluidin.—Reflecting the firmness in the basic product, sellers reported quotations continued unchanged, although demand lacked snap.

Coaltar Colors

The market for the coaltar colors noted a steady to firm tone during the week just closed, with the manufacturing consumers ordering out supplies as production requirements were so needed, and sellers reported prices as a whole were steady to firm. Reports from the cotton cloth mills stated that further gains were made in cloth sales, with the volume of sales exceeding the output. This was the seventh consecutive week of improvement. The lighter shades continued as the prominent hues moving last week, and orders on the books of some of the sellers as far as forward business was concerned was reported to be favorable. Rayon mills were holding up well, and word from the woolen and worsted industry continued encouraging.

China Dye Market Slack

The China dye market continued unimproved during May. Importers estimated that business for the first five months of this year was 10 percent below that for the same period in last year, which had been well below normal. Dealers are showing but little interest in future orders and consumers are restricting requirements to a minimum. There are no indications that there will be any improvement in this market until the uncertainty regarding smuggling and the political situation is cleared up, according to information received by the Department of Commerce from the trade commissioner at Shanghai. Although business has been far from satisfactory and the outlook is still uncertain, some importers feel that a potential buying power is accumulating and that much of the present loss of business will be recuperated as soon as the trade and the political situations are clarified. There has recently developed an interest in quality dyes, and although no orders have been placed, samples and demonstrations have been requested. There is also a growing interest in woolen mills, undoubtedly caused to some extent by the gradual shift from Chinese style clothing to foreign style. If such mills materialize, it will benefit the dyestuffs trade as additional dyes will be required.

C.S.A. Golfers Led by Quortrup in Scoring

R. C. Quortrup, of the Barrett Company, captured the first prize in class A in the golf tournament of the Chemical Salesmen's Association, July 14, at the North Hills Country Club, Douglaston, Long Island. Sidney Moody, of the Calco Chemical Company, was the close second.

In class B the first prize was won by Ira MacNair, of the MacNair-Dorland Company. Ira Vandewater, of R. W. Greef & Co., was second.

Walter Buehler, of the Barrett Company, won the prize offered for the least number of putts in the tournament round.

Members winning kicker's handicap prizes were:—First, P. C. Reilly, jr., of the Reilly Tar & Chemical Company; second, Herbert Kranich, of the Kranich Soap Company; third, H. B. Prior, of H. B. Prior & Co. The best kicker guesser among the guests was William Weed, of the Niagara Alkali Company.

The turn-out was big. The enjoyment was large, for which due regards were paid to the chairman of the committee on arrangements, B. J. Gogarty, of the Commercial Solvents Corporation.

Cellulose Plastics Output

Cellulose plastic products output in the United States in May, as reported to the Bureau of the Census by 10 manufacturers, totaled 1,344,576 pounds of nitro-cellulose sheets, rods, and tubes, and 980,101 pounds of cellulose acetate sheets, rods and tubes. Shipments for May totaled 1,288,366 pounds of nitro-cellulose sheets, rods and tubes, and 920,650 pounds of cellulose acetate sheets, rods, and tubes. These totals compared with production of 1,388,453 pounds of nitro-cellulose sheets, rods, and tubes and 1,221,442 pounds of cellulose acetate sheets, rods, and tubes, and shipments of 1,319,445 pounds of nitro-cellulose sheets, rods, and tubes, and 1,096,612 pounds of cellulose acetate sheets, rods, and tubes for the month of April.

Coaltar Oil Freights Raised

The New York Public Service Commission has approved cancellation of commodity freight rates as follows:—

Of the New York Central (East), commodity rates on oil of coaltar, light, crude, 7½ cents, from Harriet to Rochester stations, on shipments in tankcars, and the rate of $2.20 per net ton from Harriet to Solvay on shipments in box cars. Advances to class rates. Effective July 16.

CHEMICALS

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ALPHA NAPHTYLAMINE

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AMERICAN IRON AND STEEL WORKS
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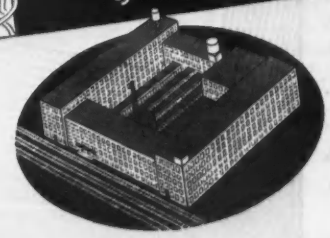
BUILDING UP YOUR MARKETS

KOPPERS AND THE *Paint* INDUSTRY

Koppers provides the paint industry with raw materials which are used in the manufacture of paint and paint removers . . . chemicals which are used in the manufacture of organic colors for paints . . . and materials for making synthetic resins for paints. Koppers also produces special types of tar-base paints for such purposes as traffic-marking, dampproofing, metal-preservation and for marine use, and tar-base aluminum paint for the treatment of masonry, concrete, and creosoted wood.



1. Tarmac for Roads 2. Roofing Materials. 3. Waterproofing Materials 4. Bituminous Paints 5. Creosote for Wood Preservation 6. Light Oils 7. Tar Acids

KOPPERS PRODUCTS CO.
PITTSBURGH, PENNSYLVANIA

This is one of a series of advertisements which are appearing each week in Business Week, reaching 90,000 important business executives in this country. In these advertisements Koppers is pointing out ways in which certain groups of chemical products (which you manufacture) are serving each of a wide variety of industries.

Benzol, (all grades) . . . Toluol, (Industrial and Nitration) . . . Xylol, (10° and Industrial) . . . Solvent Naphtha, (Including High Flash) . . . Phenol, (82% and 90% Purity) . . . Cresol, (U. S. P. Resin and Plasticizer Grades) . . . 3° Meta Para Cresol . . . Creosylic Acid, (Disinfectant Grades —98%, pale, low boiling) (Insecticide Grades—98%, pure, high boiling) . . . Naphthalene . . . Shingle Stain Oil . . . Refined Tars . . . Tar Acid Oils . . . Pitch Coke.

Robinson-Patman Act Rules Are Outlined

(Continued from page 3)

must be available to all customers on the same basis.

Trade Classification

Wholesalers, chain store systems, and retailers—are all these classes entitled to the same quantity discount?

This is one of the important points for determination under the act. It is clear that under the penal section of the act, section 3, any transaction is unlawful, "which discriminates to his knowledge against competitors of the purchaser, in that, any discount, rebate, allowance, or advertising service charge is granted to the purchaser over and above any discount, rebate, allowance, or advertising service charge available at the time of such transaction to said competitors in respect of a sale of goods of like grade, quality and quantity."

This quotation maks it clear that quantity discounts must be the same to all retailers whether they be department stores, drug stores, chain store systems, syndicate stores, or the like, because all of these classes are in direct competition with each other.

This means the same discount to the independent retailer as to the chain store system for the same quantity. Where, then, does the wholesaler fit in this picture? It is clear that under section 2 (a) the price to the wholesaler should not be greater than the price to the chain store system as this would be a discrimination against the customer of the wholesaler. Therefore, the quantity discount price to the wholesaler must be at least as favorable as the price to the chain store system or to the large retailer.

May the price to the wholesaler for the same quantity be less than the price to the chain store system? The chain store system may argue that it performs the same functions as the wholesaler inasmuch as the chain store system warehouses and distributes the goods to its individual stores and promotes the sale thereof. Although there may be logic in this argument strictly speaking, it is thought that if desired the manufacturer may make a slightly better price to the wholesaler than to the chain store system or to the large retailer for the same quantity as it would permit the customer of the wholesaler to compete with a large retailer or with a chain store system.

It will be perfectly safe for the manufacturer to establish one quantity price for everybody, retailer, chain store, syndicate store and wholesaler. In our judgment, it will also be safe to give a somewhat better price to the wholesaler in certain cases than to either of the others.

Catalog Advertising

This should be permitted but should be contracted for as advertising purely without reference to particular sales. If it is made a part of a sales contract then it must be allotted to all customers on exactly the same basis.

Co-operative Advertising

This should be open to all customers on an equal basis, such as 50 percent to be paid by the customers and 50 percent by the manufacturer, or an advertising allowance can be made available to all based upon a percentage of the order.

Special Allowances and Rebates

Rebates paid at the end of a year on a percentage basis or paid for a definite quota should not be allowed. A special quantity discount which is equivalent to certain economies in manufacture, sale, or delivery is proper under the Robinson-Patman act, but a rebate which is payable to a customer on the attainment of a certain volume at the end of a year is not based upon economies in the manufacture, sale or delivery but is a reward for large sales.

If a concern contracted to purchase a certain quota they would be entitled to the discount for that quantity but if they are under no obligation to purchase said quantity but get a special discount at the end of the year if the quantity is attained, this represents a form of discount not available to all on equal terms.

It might be argued that this is a reward for special services in pushing a particular item, but on the other hand, a hundred independent retailers might have pushed the particular item with equal or more zest and yet would not have earned the extra discount or rebate named. We disapprove of these rebates and special allowances.

Suppose a store is allowed a special rebate of 10 percent at the end of the year because its sales amount to $25,000 yearly. Suppose also that its individual orders never amount to more than $500 yearly. Since the quantity discount is based upon differences in cost of manufacture, sale, or delivery, the quantity discount is applicable only to the $500 orders and not to the accumulation of sales during the year. Therefore, these rebates should be discontinued.

Freight Allowances

These may be paid where available to all on the same basis.

Advertising Displays

It will frequently occur that advertising displays, such as window displays, will be of such an expensive nature that they cannot be available to all retailers in the United States for lack of capital facilities alone. The procedure recommended under these circumstances is to have, if possible, such window displays and advertising displays disconnected from the sale of the product and treated as pure advertising just as newspaper or magazine advertising. Otherwise, a window display should be available to all customers on an equal basis.

Existing Contracts

What is the effect on contracts existing on June 19, 1936, the date when the Robinson-Patman act became effective? Such contracts which contravene the act became illegal as of June 19, 1936. Deliveries made up to that date would be paid for upon the basis mentioned in the contract.

It may be argued that price advantages might have been granted on the partial deliveries which would not have been granted except on the basis of a much larger volume than the partial deliveries would indicate, but nevertheless the law will recognize that part of the contract which was completed, without making any allowances for that part of the contract which is incompleted and which has become illegal by operation of the statute.

Therefore, where existing contracts became illegal as of June 19, 1936, new contracts should be immediately negotiated.

Consignments

It has been argued that since a consignment is not a sale, consignments are not under the jurisdiction of the Robinson-Patman act. This may be true, but in nearly every case the consignment becomes a sale and therefore the sales terms of the consignment merchandise must be examined. If no sales are made under the consignment, naturally, the act will not apply.

Consignments would, it is thought, come under the inhibition of section 3, the criminal section of the Robinson-Patman act, in that it is an extra allowance not afforded to all competitors. It is also thought that this is also a price-discrimination forbidden by section 2 of the act in that the consignment purchaser gets the same price as the cash purchaser although the merchandise is frequently not sold for long periods after delivery.

It is therefore thought that consignments of particular merchandise should be granted to all retailers on the some basis or to none.

Arrangements, for instance, such are known in the toilet gods field by which a department store has all of its toilet goods consigned to it, there being no formal sale recognized by the department store until the commodities are actually put on display, it is thought will be prohibited by the Robinson-Patman act unles available to all customers in the same class.

The same situation holds true regarding consignments to wholesalers. Consignments should be made to all wholesalers or to none, it being understood, of course, that the right to choose customers still exists.

Any wholesaler would prefer to have the merchandise consigned to him rather than to pay for same outright if the terms were the same in each case and we are of the opinion that this is a price-discrimination.

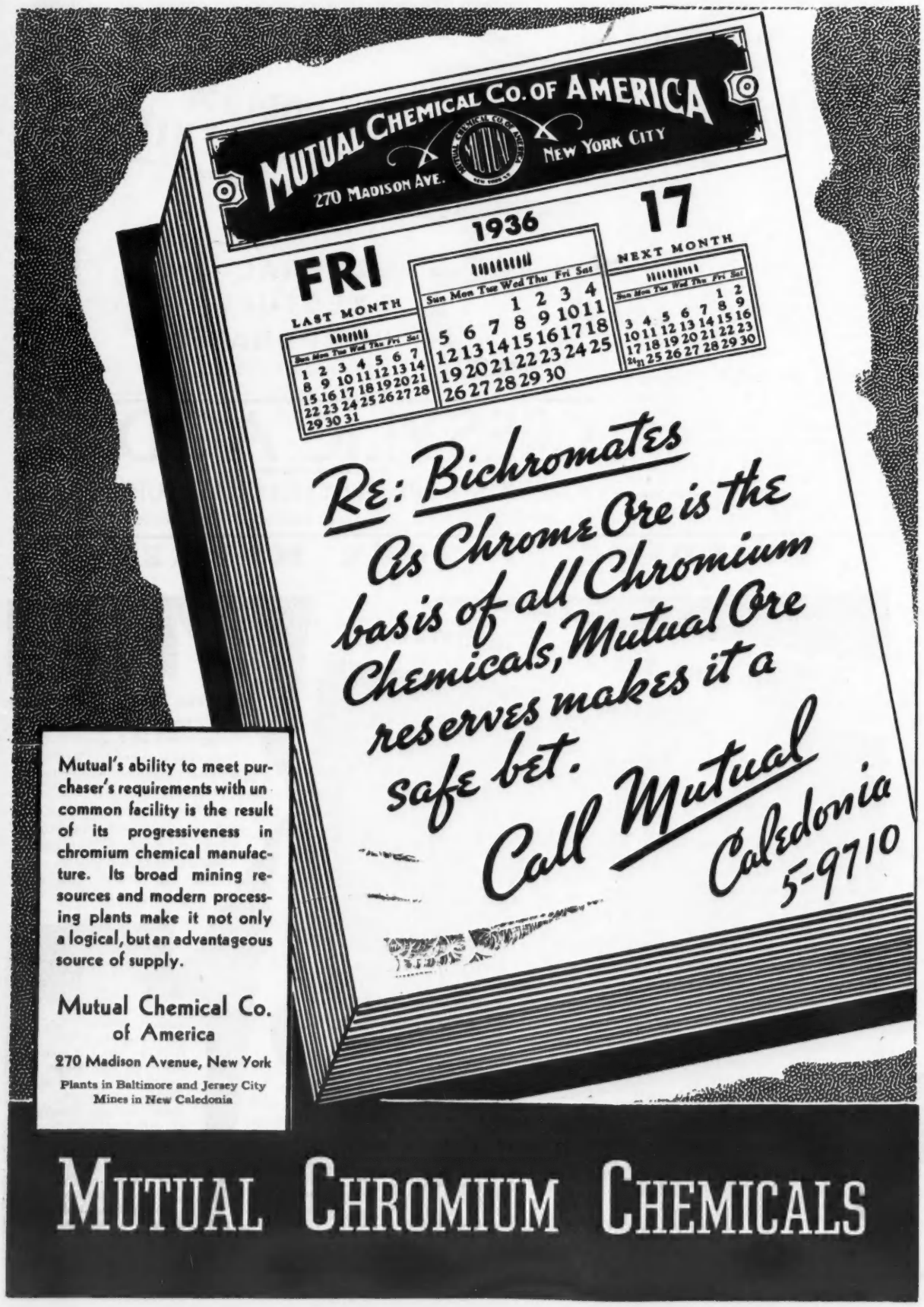
In the case of the department store and in the case of the wholesaler it will of course be argued that since a consignment is never a sale it does not come under the act, but the consignment is a form of service, facilities or allowance which are mentioned in the act and it is clear that either retailers or wholesalers who operate on a consignment basis have an advantage over those who pay for this merchandise when received.

The act of course will not prevent the consignment of special merchandise, such as new numbers, where this is desired, where the trade is treated alike in regard to this special number.

At this point I desire to register the dissent of Mr. Eisner as to these views on consignments. In a telegram received July 13, 1936, Mr. Eisner wired as follows:—

"While agree in essentials of your memo-

(Continued on page 58)


MUTUAL CHEMICAL CO. OF AMERICA
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17
1936
LAST MONTH
NEXT MONTH
Re: Bichromates
As Chrome Ore is the basis of all Chromium Chemicals, Mutual Ore reserves makes it a safe bet.
Call Mutual
Caledonia 5-9710
Mutual's ability to meet purchaser's requirements with uncommon facility is the result of its progressiveness in chromium chemical manufacture. Its broad mining resources and modern processing plants make it not only a logical, but an advantageous source of supply.
Mutual Chemical Co. of America
270 Madison Avenue, New York
Plants in Baltimore and Jersey City
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MUTUAL CHROMIUM CHEMICALS

Dyestuffs and Textile And Leather Chemicals

Corn Derivatives Strong—Egg Products Firmer—Tanning Materials Slow—Valonia Prices Nominal—Dyestuffs Dull—Annatto and Cochineal Steady—Zinc Dust Unchanged

The market for dyestuffs and tanstuffs experienced a slow demand during the week just closed. The in-between season in some divisions of the textile trade and the caution with which tanners were ordering out supplies accounted for the dull demand. The market was featured by the strong tone in the price for the corn derivatives and a further firming up in the price tone for the egg products.

Strength in the price tone for the corn derivatives could be attributed to the uncertainty about obtaining supplies of the basic product; in fact, Friday a week ago some sellers of the corn derivatives withdrew quotations because of the wide fluctuations in the price for corn, influenced by the drought conditions in certain sections of the corn belt. Government report on the corn crop stated that more or less irreparable damage has been done by heat and drought but in much of the corn belt the bulk of the crop will be recovered if rain and cooler weather comes soon. The greatest permanent harm so far has occurred in the southwestern portions of the belt, principally in Missouri, Kansas and Oklahoma. In the Ohio valley weekly progress ranged from fair in some northern sections to poor. Deterioration in parts of the South was reported, where some portion of the crop is beyond help.

A further firming up was reported in the price tone for the egg products. While no open change has been made in the actual prices, sellers reported that such was in the offing. That prices were strengthened was based on the higher production costs to which the new crop has been subjected, coupled with the strength in the price position of the domestic egg market as a result of the drought. The factor holding back the price rise was said to be the small amount of stocks of the old crop still on hand, but, should demand hold the pace noted over recent weeks, the volume on hand will be absorbed shortly.

Tanning materials moved through a rather quiet week, with the buyers showing no inclination to relinquish the hand-to-mouth policy. Wattle bark was dull, but prices were without change. The nominal price position of valonia continued in evidence, with such being due to the limited amount on hand. Divi-divi was quiet. Myrobalans and mangrove bark were quiet. Bichromates displayed a firm tone, and July shipments were said to be encouraging. The call for alumina chloride was fair, and no change was disclosed in the quotations. The call for zinc dust was fair, and quotations ruled steady to firm, for the basic material was holding at the prices of the preceding period.

Price Changes

Prices were changed during the past week as follows:—

Advanced
None

Reduced
None

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
152.4	152.4	152.6	151.8

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride.—This market offered little change during the course of the week just closed, with the pharmaceutical and dye trades withdrawing commitments for immediate production wants only, and quotations ruled steady to firm.

Antimony Salt.—Small quantities again made up the demand in this market during the week just ended, with sellers reporting the market appeared steady at previously established prices.

Potash Bichromate.—A firm tone continued as the prominent factor in this market during the week, with the shipments moving out in conservative volume, and producers reported quotations were in conformity with the schedule in effect in the preceding period.

Potash Prussiate.—Although the market for the red material was limited to relatively small quantities, the market displayed a steady tone, and the call for the yellow article was fair at intervals during the week, with quotations unchanged.

Soda Bichromate.—A fair buying movement was reported for this product, with the usual consumers supplying the interest, and quotations displayed a firm tendency. A fair amount of business is scheduled for delivery during the balance of the second quarter.

Zinc Dust.—The market here was quiet last week, with the sellers reporting prices in line with the quotations established in the preceding period. The metal market appeared steady.

Dyestuffs

Annatto.—The market for the paste and seed materials continued to move at a slow pace throughout the week just ended, with the prices displaying a steady tone. It was quite evident that consumers were covering only when needs were urgent.

Archil.—Although demand revealed little betterment, with the consumers gauging needs by actual production requirements, and prices were steady at the levels of the previous week.

Cochineal.—This market was much the same as the previous period, with the shipments limited to occasional small quantities, but the prices remained firm for the Teneriffe silver and grey items.

Fustic.—Usual consumers supplied what little activity was in evidence in this market, but the slow character of the call failed to have an influence on the price position.

Indigo.—There was little activity in the market for the natural product, but the prices ruled firm. The call for the synthetic product held up fairly well, and quotations were in line with previous values.

Logwood.—This product noted a steady to firm, with the demand holding up satisfactorily.

Madder, Dutch.—Conditions experienced little change during the course of the week, with the demand dull, but the quotations were well maintained, for the supplies on hand were limited.

Sizing Materials

Albumen.—The market for the edible egg material displayed a further firming up in the price tone. This development reflected the increased costs to which the new crop has been subjected, plus the strong position of the domestic egg market. The market for the blood material was firm, and demand was considered fair.

Dextrin.—A decidedly strong tone was shown in the market for the corn derivatives during the week just closed. This strength in the price tone could be traced to the high prices prevailing for the basic product; in fact, some sellers have been out of the market since Friday a week ago because of the uncertainty about obtaining supplies of the basic product.

Egg Yolk.—The firm character of the price tone was the outstanding feature in an otherwise quiet market. The firmness was the result of the increased production costs of the new crop, together with the strengthening in the price position of the domestic egg market because of the drought. The reason prices were not moved forward last week was reported to be due largely to the fact that a small amount of stocks of the old crop was still on hand.

Frozen Eggs.—The market on the New York Produce Exchange was quiet. On Friday whole mixed futures closed at 17c. to 18c.; August, 17.05c. to 18.18c.; September, 17.10c. to 18.25c.; October, 18.45c. Spot nominal.

Starch.—A strong tone was noted in the market for the corn derivatives as a result of the strength in the price of corn. The uncertainty surrounding the obtaining of supplies of corn caused some of the sellers to withdraw quotations Friday a week ago. Government crop report stated that more or less irreparable damage has been done by heat and drought but in much of the corn belt the bulk of the crop will be recovered if rain and cooler weather comes soon. The greatest permanent harm so far has occurred in the southwestern portio of the belt, principally Missouri, Kansas and Oklahoma. In the Ohio valley weekly progress ranged from fair in some northern sections to poor.

Tanning Materials

Divi-Divi.—Business in the market for this product continued neglible during the period under survey, but the sellers reported the market retained a firm tone.

Gambier.—The market for the common material was quiet again last week and sellers reported quotations were steady. There was little to report in the market for the Singapore cubes and plantation items, with the quotations displaying a steady tone.

Mangrove Bark.—Demand was highly irregular throughout the week under review, with the shipments indicating that consumers were covering when needs reached the urgent stage and quotations were about the same as the preceding period.

Myrobalans.—Little variation was shown in this market from recent weeks, with the usual consumers placing conservative orders, but the price tone continued steady to firm.

Quebracho.—A fair buying movement was reported for this material, with the tonnage sufficient to give the market a firm price appearance and a sizable amount of business was reported on the books for forward delivery.

Valonia.—No change was disclosed in this situation, with the material said to be scarce, and prices were regarded as nominal.

Wattle Bark.—Despite the spotty condition of demand, sellers reported quotations were steady.

Lammot du Pont, jr., Wilmington, Del., was chosen a commissioner of Rehoboth Beach at the town election held July 11. He topped the ticket with a majority of 92 votes over the other two successful candidates. Mr. du Pont owns a summer residence at the beach.

Imports from Germany Given Higher Duties

(Continued from page 3)

was mandatory upon the department under the tariff act of 1930.

Agents of the Treasury Department found that German exporters are in effect obtaining a bounty through the exchange control system whereby exporters of specified products are permitted to sell their foreign exchange at a higher rate than the current quotation for marks. In addition a number of German cartels have export arrangements which many interpret as constituting export bounties.

The countervailing duties range from 22.5 percent to 56 percent. No strictly chemical products are included in the list.

For the past week a delegation of German trade experts has been in Washington in an attempt to convince the Treasury Department that the German system does not constitute export bounties, but it is understood that the department officials felt that the law is mandatory.

The Russian agreement simply extends the executive working arrangement for another year, and the Soviet government again agrees to purchase at least $30,000,000 worth of American goods during the coming year. During the past year Soviet purchases in the United States amounted to approximately $37,000,000, according to the Russian authorities.

Tung Oil Control Is Progressing in China

All Chinese tung oil merchants have expressed willingness to turn over their plants to the semiofficial corporation created in the nationalization of the vegetable oils industry of that country (see the REPORTER for June 15), according to information received by the Department of Commerce. Some managers of foreign-owned plants, the preparatory committee of the monopoly reports, have referred the matter to head officers abroad for decision.

While capital for the corporation has already been fully subscribed, the committee is still devoting efforts to completing technical and administrative details. No official announcement has been made regarding formal inauguration of the monopoly, but it has been intimated that it will be in operation by the end of August.

Copper production in Canada during the first three months of 1936, according to the Dominion Bureau of Statistics, showed a slight drop from the production of the corresponding period of 1935. being 103,680,291 pounds against 104.776,368 pounds in the corresponding quarter of 1935.

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Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

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DIETHYL PHTHALATE
DIMETHYL PHTHALATE
DIPHENYL PHTHALATE
SANTICIZERS (PLASTICIZERS)
PHTHALYL GLYCOLLATES
TRICRESYL PHOSPHATE
TRIPHENYL PHOSPHATE
SANTOLITES (SYNTHETIC RESINS)
PHENOL
PHTHALIC ANHYDRIDE
MALEIC ANHYDRIDE
MALEIC ACID
ORTHODICHLORBENZENE
AMYL ACETATE
BUTYL ACETATE
ETHYL ACETATE
DIACETONE ALCOHOL
MERSOL (SOLVENT ALCOHOL)
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Paint, Varnish, Lacquer Materials

Trade Continues Quiet—Casein Continues Upward—Hide Glues Advance—Turpentine and Rosin Have Firm Tone as a Result of Probable Aid for Producers—Pigments Are Steady

Ingredients used in the production of surface coatings drifted through another dull week. The extreme heat in the mid-West and in parts of the Eastern section of the country is an added handicap to the ordinary dullness of the Summer months. Orders are limited to nearby needs and there is little activity in the movement of materials against contracts. Prices hold a general position of steadiness and the principal changes of the week included a further advance in domestic and foreign casein prices, higher quotations on medium gradings of hide glues and lower quotations for unscraped East India copal gums and also Singapore dammar dust. Higher quotations were reported on No. 1 Congo gum.

The rubber products industry continues as the only lively buyer of materials included in this market. Tire makers are purchasing black in very good style while zinc oxide and inert pigments also reflect the activity of the rubber goods factors.

Casein paint manufacturers and paper coaters will pay more for casein supplies later in the season, according to the predictions of some of the close observers of trade in the article. Prices continue upward as the drought exercises further shortage in the supply. Some of the larger buyers are said to be covering far ahead.

Metallic pigments hold a very steady position. Lead derivatives have been unchanged for several months now. Zinc and titanium oxides exhibit usual firmness.

Turpentine and rosin were generally firm in Southern and local markets last week and sentiment regarding the outlook for business and prices appeared to have been strengthened by the outcome of the meetings held in the principal naval stores centers to consider the government plan for extending aid to producers with a view to curtailing the output 25 percent for the current season. Domestic business here and in the South was fairly active and further sales were reported for export. Receipts continued liberal.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Casein, dom., ¼c. per lb.
Argentine, 20-30 mesh, ½c. per lb.
Glue, hide, medium grades, ½c. to 1c. per lb.
Gum, copal, Congo, No. 1, 2c. per lb.
Rosin, 10c. to 25c. per 280 lbs.
Turpentine, gum, ½c. per gal.

Reduced

Gum, Copal, East India, black, bold, unscraped, ¼c. per lb.
dammar, Singapore, dust, ⅜c. per lb.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
129.9	129.9	130.0	134.0

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

Pig lead purchases continue light. Most of the week's trades were for single car lots and the interest shown was mainly for August position. The cable makers were in the market last week after several weeks absence. Prices hold steady at 4.45c. per pound, East St. Louis, and 4.60c. to 4.65c. per pound at New York, according to seller.

Slab zinc improved slightly but the demand is far from being brisk. The prices hold without shift at 4.75c. per pound, East St. Louis. The London market took a healthy upswing on Thursday and is comfortably over the parity here.

Lead.—Prevailing spot prices at New York, East St. Louis, and London for the period from July 11 to July 17, inclusive, are as follows:—

	Pigs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0460@.0465	$0.0445	.. .. ..
Monday	.0460@.0465	.0445	15 8 9
Tuesday	.0460@.0465	.0445	15 7 6
Wednesday	.0460@.0465	.0445	15 8 9
Thursday	.0460@.0465	.0445	15 8 9
Friday	.0460@.0465	.0445	15 15 0

Zinc.—Prevailing spot prices at New York, East St. Louis, and London for the period from July 11 to July 17, inclusive, are as follows:—

	Slabs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.05125	$0.0475	.. .. ..
Monday	.05125	.0475	13 8 9
Tuesday	.05125	.0475	13 7 6
Wednesday	.05125	.0475	13 8 9
Thursday	.05125	.0475	13 10 0
Friday	.05125	.0475	13 10 0

The June volume of residential building amounted to $73,604,600 in the 37 Eastern states, according to F. W. Dodge Corporation. This was almost 5 percent. better than the May, 1936, figure of $70,253,400, and was about 48 percent. ahead of the total of $49,832,600 reported for June, 1935. For the first half of 1936 residential building of all descriptions, totaling $334,844,600, made a gain of about 61 percent. over the total of $208,173,600 for the corresponding period of 1935. Improvement in home-building operations was general throughout the country with every major geographic area sharing in the general advance.

Total construction of all descriptions reported in June for the 37 Eastern states amounted to $223,054,600 and compares with $216,070,700 for May and $148,005,200 for June of last year. The gain over the volume of the previous month was due to improvement in residential building and in civil engineering projects, chiefly bridges, highways, and dams. Non-residential building reported for June, amounting to $79,078,900, was smaller than in May, but was materially better than the total of $59,035,800 for June, 1935. The total volume of construction work started in the 37 Eastern states during the first six months of 1936 amounted to $1,237,731,000 against only $696,507,000 for the corresponding six months of 1935.

Pigments

The sale of pigment materials to paint manufacturers is considerably slower than it was earlier in the month. The unusual heat throughout the East and Mid-West has handicapped trade to an extent beyond the usual dullness of the Summer months. Pigment trade in other directions, particularly in the rubber products industry, has been moderately good as the paint manufacturers' requirements dwindled. Prices of pigments in the group of opaques continue steady and are mostly at schedules which have been in force for some time back.

White Lead.—The manufacturing buyers did not show much of an interest in replacements of dry lead supplies. Trade has been rather dull since the early part of the month. Prices continue in a steady position at the levels that have been long standing.

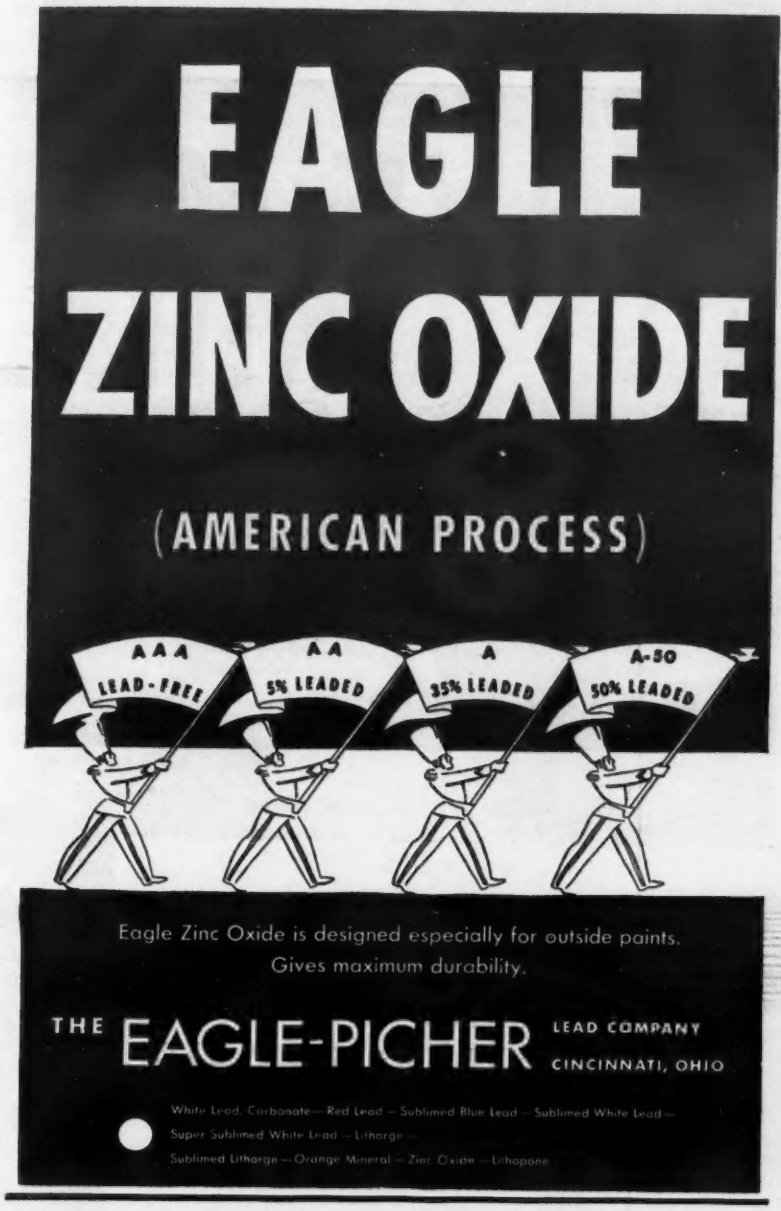
Red Lead.—The position of this commodity did not shift last week. Metal prices are holding in a steady place and this derivative shares the steadiness. Demands are no better than they have been through the early part of the month.

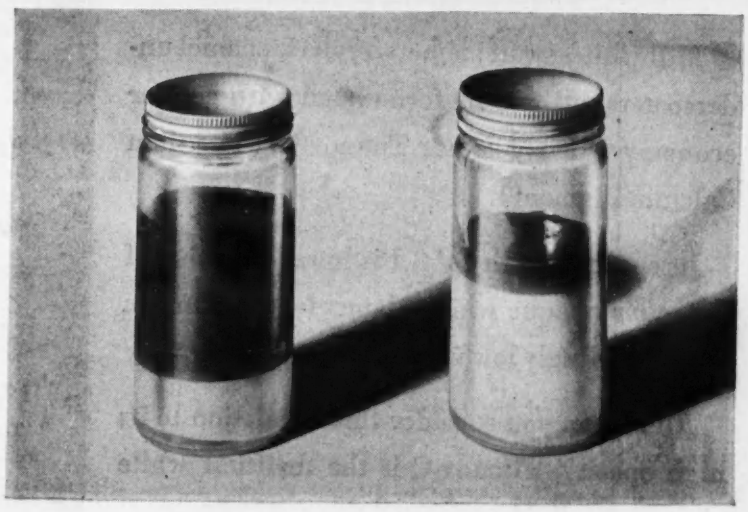
Litharge.—The steadiness of the market is a reflection of the position of the basic metal. The demand side of the market is rather quiet.

Lithopone.—The rate of contract withdrawals has fallen off appreciably in the East because of the hot weather. Similar reports are emanating from the Chicago market, too. Trade had been mildly active during the early days of the month but the takings are considerably less frequent now.

Titanium Pigments.—Paint manufacturers' needs for replacements are not very heavy. The demand from that channel of consumption is described as being spotty and off from the May and

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7





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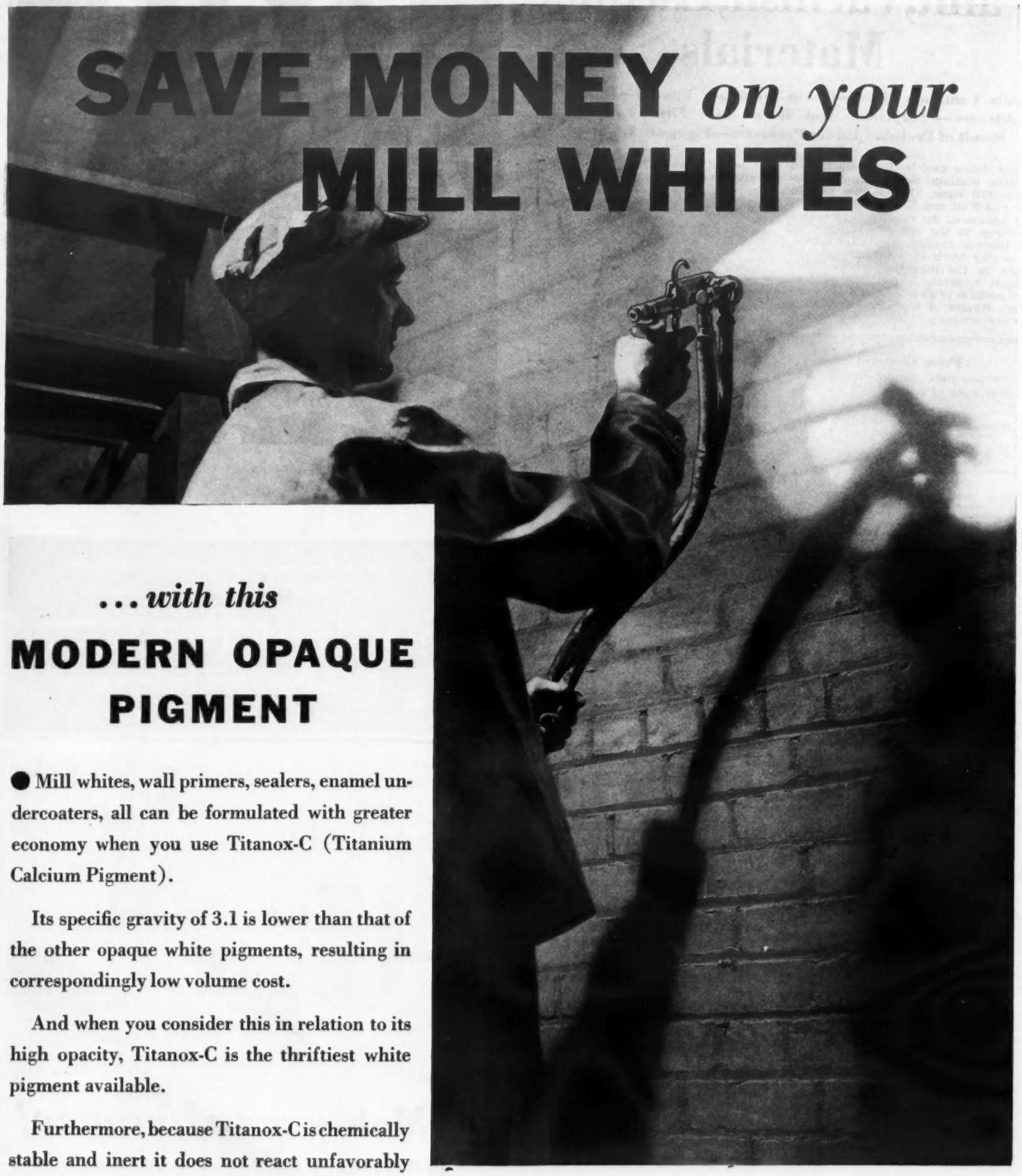

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June rates of consumption. Some lines of outlet, other than for the manufacture of surface coatings, are manifesting a sustained purchasing interest. Prices continue unchanged.

Zinc Oxide.—The market lacks new developments. The demands from the rubber trade are fairly active but the paint manufacturers' calls for replacements have undergone some let-down. The price situation remains undisturbed.

Fillers and Extenders

The ordinary dullness of the July-August periods has been magnified by the intense heat in the Mid-West and in the Eastern section of the country. Inert pigments, fillers and mineral whites are moving in a very light way although some of the sellers are able to report that even with the current lull, business is better than it was last July. Prices hold a steady position and there were no changes reported during the week.

Barytes.—There were no changes reported in the market situation last week. The demands are light and prices hold at previous levels.

Silica.—Prices hold at the levels that have been standing for some time. The movement of material into consumption was described as having been fair.

Tripoli.—Supplies of this article have not reported any change in the position of selling prices. Latest reports on the state of the demand indicated the presence of a mild activity.

Wood Flour.—Importers have been booking a fairly nice tonnage with the linoleum manufacturers but face difficulty in getting cargo space as desired. Prices hold unchanged.

Dry Colors

The color market is marked by the usual July-August dullness. Trade has tapered off to a low point since the early days of this month and as a result of the heat wave over a large part of the Eastern and mid-Western section of the country, trade is slower than usual in some directions. The tire makers are still buying carbon black in active fashion but that article is the market's only fast mover. Prices were without change.

Alkali Blue. — The ink manufacturer's demands were mild and the price situation undisturbed with 90c. per pound quoted for the toner.

Carbon Black. — The tire manufacturer's demands for replacements continued in good fashion. July schedules and those already indicated for August show healthy proportions. Prices for standard and specialty grade blacks continue unchanged.

Iron Oxide. — Pure and reduced reds continue steady in price. The synthetic yellows, reds and blacks are also holding unchanged with a modest interest from the buyers.

Ocher. — The French product holds at the recently reduced schedule. Business is light and has not shown much of a change in volume since the prices were lowered a few weeks ago.

Orange Toner. — This article holds steady at the newly established level of 80c. per pound, which is 5c. higher than the former price.

Toner Reds. — Para, lithol and toluidin toners hold without shift. The demands continue in mild fashion.

Varnish Gums

Quiet ruled the market for natural resins last week. There is little interest in forward business and the takings against standing contracts showed the usual Summer dullness. Price changes were few, featuring lower quotations for Singapore dammar dust and for black bold unscraped East India gum. The only advance during the week was a rise in No. 1 picture Congo.

Copal. — The price of No. 1 Congo gum advanced 2c. per pound last week with 42¾c. per pound quoted for straight or mixed cars. The price of black bold unscraped East India gum was lowered ¼c. per pound during the week to the basis of 4¼c. per pound for car lots. Usual differentials prevail for smaller sized lots.

Dammar. — The price of Singapore dust was reduced ⅜c. per pound last week and holders of stocks of this grading offered at 4¾c. per pound for straight or mixed cars with usual changes for smaller quantities. The remainder of the Singapore group and the entire Batavia gum market was without change.

Synthetic Resins

Resin manufacturers have not reported any change in price schedules during recent weeks. The price situation seems quite steady while business is moving at a moderated pace which is usual for the Summer months.

Naval Stores

The recent official announcement in connection with the government plan to extend financial aid to producers of gum turpentine and rosin with the view of putting them in a position to participate in a movement to curtail the output this season and the holding of meetings in the important naval stores centers on four days of the week still constituted the leading topic in trade circles here and in the South last week. The attendance at the meetings was large and the plan apparently received the enthusiastic endorsement of a majority of the producers.

Under the provisions of the plan producers are to remove sufficient cups from the trees to cut down the indicated July 1 production 25 percent., the work of removing the cups to be completed by August 1. After that date, it was stated last week, the action of producers will be checked up by government representatives and if sufficient producers have participated in the movement to curtail the output 25 percent., government aid to producers in the form of cash advances will then be forthcoming. It was also stated that under the terms of the plan the government holdings of old crop turpentine and rosin will be held off the market during the remainder of the season if not for a longer period. These holdings, it now appears, are considerably smaller than generally assumed.

The above developments were reflected in a firm tone in Southern and local markets for naval stores last week. Here business failed to show any broadening so far as actual transactions were concerned but in some quarters an increase was noted in the volume of inquiries received and the movement into local and other consuming channels was apparently regarded as satisfactory for this period of the year when many consumers are disinclined to add materially to their holdings. There were reports of fair sales of rosin for export. Weather conditions over much of the South were favorable for production and marketing and receipts in primary points continued rather liberal.

Turpentine.—The local situation continued to be featured by a firm tone. Also sentiment concerning the outlook for business and prices was apparently more optimistic as a result of the meetings held in the South to discuss the plan proposed by the government for a reduction in the output of naval stores during the current season. There was no snap to business here last week but a fair demand continued to be noted for moderate quantities. Weather conditions were generally favorable for operations in the woods and receipts continued rather free but the outward movement from primary points was sufficient to prevent any material addition to stocks.

SAVANNAH, July 17.—Turpentine was fairly active with the tone of the market firm. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
Saturday....	36	200	673	10	29,816
Monday	35¾	177	336	734	29,419
Tuesday	36	193	996	139	30,275
Wednesday..	36	214	532	2	30,805
Thursday ..	36	39	573	1,810	29,568
Friday	36½	150	611	120	30,859

JACKSONVILLE, July 16.—Sales of turpentine were fair. Changes in quotations were moderate. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
Friday	35¾	...	182	310	44,290
Saturday....	36¼	50	427	5	44,712
Monday	35½	150	539	20	45,231
Tuesday	35¾	136	311	...	45,542
Wednesday..	36	25	271	1	45,812
Thursday ..	36	...	277	...	46,089

PENSACOLA, July 11.—The turpentine market was quiet and steady. Following is a record of the market for the week:—

	Barrels Re-ceipts.	Ship-ments.	Stocks.
Monday	314	333	29,380
Tuesday	326	495	29,220
Wednesday	105	161	29,164
Thursday	202	209	29,157
Friday	140	162	29,135
Saturday	240	162	29,213

CHICAGO, July 17.—Most of the buyers of turpentine are exhibiting considerable interest in this market at the present time. Orders placed have involved a considerable quantity of material in the aggregate. Buyers are not so hesitant in expressing their needs in the way of buying. Offerings continue rather limited and certainly are not pressing. Prices are firm and steady. Ruling quotations at the close of business last night were:—Five-drum lots, 47c. per gallon; five-wood barrels, 52c.; single drums, 50c.; single barrels, 55c.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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• Within a few years of its introduction COBLAC has swept the high-grade lacquer field. Its labor-saving characteristics added to the fine results obtained when used either with Standard vehicles or Synthetics, have made it the "find" of the industry.

BINNEY & SMITH CO.

Specialists in Carbon Blacks, Bone Blacks, and Oxides of Iron

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AKRON, Binney & Smith Co. . BOSTON, Hird & Connor, Inc. . CINCINNATI, B. H. Roettker Co. CLEVELAND, Binney & Smith Co. . . CHICAGO, Binney & Smith Co. . . DETROIT, C. W. Hess Co. . . LOS ANGELES, Martin, Hoyt & Milne, Inc. . . . MONTREAL, H. L. Blachford PHILADELPHIA, Binney & Smith Co.. ST. LOUIS, J. E. Niehaus & Co. . . ST. PAUL, Worum Chemical Co. . . . . SAN FRANCISCO, Martin, Hoyt & Milne, Inc.

CHLORATE OF SODA • CARBONATE OF POTASH • CAUSTIC SODA
CARBON TETRACHLORIDE • TRI-SODIUM PHOSPHATE
ALUMINUM STEARATE
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OXALIC ACID • CALCIUM CHLORIDE • SODIUM METASILICATE

Are Your Sales in Ohio Satisfactory?

Are they commensurable with your selling expense?
We will act either as your Ohio Sales Managers
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SMEAD & SMALL, INC.
Hanna Building, CLEVELAND, OHIO

PEERLESS
CLAY *For the* PAINT INDUSTRY

R. T. VANDERBILT CO., Inc.
230 PARK AVENUE :: NEW YORK CITY

LONDON, July 17.—Quotations on turpentine were as follows:—

	Per cwt. In bbls. s.	d.
Saturday	39	9
Monday	39	9
Tuesday	39	3
Wednesday	39	3
Thursday	39	3
Friday	39	3

Stocks of American turpentine in London were:—

	July 17.	Previous week.	Last year.
Barrels	5,947	6,936	6,568

Rosin. — With Southern markets firm and at times in upward trend so far as some grades were concerned, local quotations were generally well maintained last week. There was little change in the character of business but a fairly active call for the various grades was noted. Sales in the South to domestic interests apparently held up well for this period of the year and there were further takings for foreign account. Receipts at primary points continued rather liberal as weather conditions were generally favorable for production and marketing but the outward movement was sufficient to prevent any material change in the statistical position.

SAVANNAH, July 17.—A firm tone continued to prevail in the market for rosin. Receipts were liberal. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$4.40	$4.40	$4.50	$4.50	....	....
D	4.65	4.65	4.75	4.75	....	....
E	4.85	4.90	4.90	5.00	....	....
F	5.00	5.05	5.05	5.10	....	....
G	5.00	5.05	5.05	5.10	....	....
H	5.00	5.05	5.05	5.10	....	....
I	5.00	5.05	5.10	5.10	....	....
K	5.00	5.05	5.10	5.10	....	....
M	5.00	5.07½	5.10	5.10	....	....
N	5.00	5.07½	5.10	5.15	....	....
WG	5.25	5.25	5.25	5.35	....	....
WW	5.50	5.50	5.50	5.65	....	....
X	5.50	5.50	5.50	5.65	....	....
	Barrels					
Sales	533	818	744	876	...	...
Receipts	2,166	2,162	2,925	1,790	...	...
Shipments	715	5,039	168	44	...	...
Stocks	68,423	65,546	68,303	70,058	...	...

PENSACOLA, July 11.—The rosin market was quiet. Receipts were liberal. Following is a record of the market for the week:—

	Barrels— Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	949	874	347	520	355	701
Shipments	445	856	1,115	180	1	350
Stocks	36,686	36,704	35,936	36,276	36,630	36,981

JACKSONVILLE, July 16.—Rosin quotations showed more or less irregularity but the undertone continued firm. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— Fri.	Sat.	Mon.	Tues.	Wed.	Thur.
B	$4.40	$4.40	$4.50	$4.50	$4.50	$4.50
D	4.65	4.65	4.75	4.75	4.75	4.75
E	4.85	4.90	4.90	5.00	4.95	5.00
F	5.00	5.05	5.05	5.10	5.02½	5.07½
G	5.00	5.05	5.05	5.10	5.02½	5.07½
H	5.00	5.05	5.05	5.10	5.02½	5.10
I	5.00	5.05	5.10	5.10	5.02½	5.10
K	5.00	5.05	5.10	5.10	5.02½	5.15
M	5.00	5.07½	5.10	5.10	5.05	5.15
N	5.00	5.07½	5.10	5.15	5.05	5.20
WG	5.25	5.25	5.25	5.35	5.25	5.35
WW	5.50	5.50	5.50	5.65	5.60	5.65
X	5.50	5.50	5.50	5.65	5.60	5.65
	Barrels					
Sales	533	818	744	876	789	613
Receipts	2,166	2,162	2,925	1,799	2,311	1,391
Shipments	715	5,039	168	14	546	1,627
Stocks	68,423	65,546	68,303	70,058	71,823	71,587

CHICAGO, July 17.—Rosin prices have turned a little irregular in certain cases, but there is no let-up to the good volume of business being done. Houses specializing in this business report orders are numerous and that the total amount of material involved also is good. The buyers seem to be interested in making purchases to a much greater extent than in some time, although there has been a gradual pick-up in interest over quite a period. Ruling prices at the close of business last night were:—B grade, $7 per lot of 280 pounds; G grade, $7.15; M grade, $7.10; W.W. grade, $8.

LONDON, July 17. — Quotations on American rosin were as follows:—

	Per cwt. in barrels— Common. s.	d.	W.W. s.	d.
Saturday	13	6	15	0
Monday	13	6	15	0
Tuesday	13	9	15	0
Wednesday	13	9	15	0
Thursday	13	9	15	0
Friday	13	9	15	0

Pine Oil. — The market retained a firm tone. There was a fair demand with the movement apparently limited to comparatively small or moderate quantities to fill the current needs of local and other consumers.

Pitch. — Quotations continued to be well maintained in the absence of any material change in the situation in the South. The tone of the market here was firm with a fairly active demand from consumers.

Rosin Oil. — Buying interest was apparently stimulated to some extent by recent developments in the South and demand was rather more active though some consumers were still disposed to

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

SOUTHWARK BRAND

WHITING
PARIS WHITE

We manufacture Whiting, Paris White from selected Imported Chalk using absolutely no adulterants.

The QUALITY is guaranteed
The SERVICE unexcelled

Your inquiries are welcome

Southwark Manufacturing Company
ESTABLISHED 1880
Factory and Home Office: CAMDEN, NEW JERSEY

SOUTHWARK BRAND

adhere to a conservative course in making purchases.

Tar. — There was a steady movement into local and outside consuming channels on contracts and new business was received in a fair volume. The market ruled firm.

Shellac

Business in the market for shellac was quiet last week. New orders were not numerous and for the most part local activity was confined to keeping up with contract commitments. There was possibly a shade more steady tone in the shellac varnish market. Cutters seemed more disposed to maintain a price in line with true cost of production. In bonedry shellac, the open market price of the majority of bleachers was one thing and that price at which buyers could actually get goods in the open market was another. Chiseling of values that production cost would fully justify still prevailed. London and Calcutta were down somewhat on the week.

London, July 17.—London quotations, basis of sterling exchange at $4.88, for shellac for later delivery have been as follows (the quotations in United States currency represent prices here and include other handling charges):—

	July 17		July 10	
	Shillings. Cwt.	Cents. lb.	Shillings. Cwt.	Cents. lb.
August....	65	11.9	55½	12.1
October....	56	12.2	56	12.2

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day closing prices were as follows:—

	Per hundredweight— August.	October.
July 10	55s 6d	56s ..
*July 11	... ..	... ..
July 13	55s 6d	56s ..
July 14	55s 6d	56s ..
July 15	55s 6d	56s ..
July 16	55s ..	56s ..
July 17	55s ..	56s ..

* No cables received here.

Calcutta, July 17.—Prices quoted on U.S.S.A. T.N. c.&f. New York, basis of sterling exchange at $4.88, were as follows:—

	Per pound— July 17.	July 10.
July	11½c.	12⅛c.

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day prices and reports on market conditions were as follows:—

	Per pound.	Market
July 10	12⅛c	Firm
*July 11	....	....
July 13	11¾c	Steady
July 14	11¾c	Steady
July 15	11¾c	Steady
July 16	11⅝c	Easier
July 17	11⅝c	Steady

* No cables received here.

Lacquer Materials

The market for the various lacquer materials moved through a quiet week, but the volume continued to run ahead of the same time a year ago, for the automobile industry was experiencing one of the best years in some few years. Word from the automobile industry last week indicated that the production schedules in July would make a favorable comparison with the June output, and that the program of many of the producers called for a shorter time for the changing over to new models, inasmuch as the sales have been holding up favorably. Butyl acetate continued steady. The market for film scrap was strong again last week, with the buying for domestic and export account said to be good. Dibutyl phthalate was quiet. There was little to report in acetone, with demand routine and prices continued steady.

Acetone.—Demand was fair throughout the week, with the prices displaying a steadier tone.

Butyl Acetate.—There was a quiet week recorded in this direction, but the price tone continued steady.

Butyl Alcohol.—This market offered little change from recent weeks, with the demand holding up fairly well, and sellers were naming the quotations in force previously.

Dibutyl Phthalate.—A steady to firm tone was shown in this market, although demand showed a tendency to lag at times during the week.

Ethyl Acetate.—Despite the irregularity in the call, sellers reported the market appeared slightly steadier, and quotations were in conformity with the schedule in effect previously.

Film Scrap.—A firm tone continued in prominence in this market, with the buying for domestic and export account holding up well.

Driers

Drier materials are spotty these days and the withdrawals against such contracts that are written for these commodities are very light. As reported previously, prices on the cobalts have been revised and the market for these driers has been steady at the new levels. Stearate prices are steady and raw material costs are strengthening.

Glues and Binders

Casein.—The drought is giving the market considerable strength and because of the light supply, some observers predict substantially higher prices over the next several weeks. It was difficult to determine the actual market position last week because of varying prices. A 15½c. price for 20-30 mesh was very difficult to work and 15¾c. was more representative of the actual trading level. Actually, sellers posted quotations were 16c. per pound. The 80-100 mesh was ½c. higher than the standard grinding. Argentine was higher last week at 15¾c. for 20-30 mesh. French was a strong 17c. with a tendency toward higher levels.

Glue.—High raw stock costs have been responsible for higher prices on some of the medium grades of high glue. The 164 jelly gram grade is now 15c. to 15½c. per pound, up 1c.; 192 jelly gram is 16c. to 16½c. per pound, also up 1c.; and 222 jelly gram is up to 16½c. to 17c. per pound, a boost of ½c. per pound. Other grades are unchanged. The demand is not very active although things are moving in a little better fashion than previously.

N.Y.P.V.L.A. Standing Committees Appointed

Harry R. Hillman, of the Eagle Paint & Varnish Works, and president of the New York Paint, Varnish and Lacquer Association, has appointed the following standing committees for the 1936-37 association year:—

Trade sales, Henry I. Gilbert, chairman, James Coffey, Louis J. Meyer, Ralph H. Everett and Israel Silberman; industrial sales, H. M. Howard, chairman, continuing with same committee as last year; acquaintance, D. J. Healy, chairman; L. N. Jackson, Harold A. Wakefield, Ralph H. Everett and Louis J. Meyer; constitution and by-laws, Stanley C. Dunning, chairman, and C. F. Beatty; credits and collections, Theodore Kleine, chairman; M. B. Weinstock, W. T. Stewart, William Rohs, and G. Rothweiler; kindred products, J. P. Dunphy, chairman; H. A. Wakefield, and Harry A. Passof; legislative, Andrew L. Somers, chairman; Horatio L. Wilkinson, and Maitland Dwight; membership, Thomas J. Starkie, chairman; E. J. Rotheim, J. A. Lundy, A. G. Schumann, L. M. Blickman, and W. A. Weismann; production, Ralph H. Everett, chairman; committee to be announced later; program-entertainment, Thomas F. Brennan, chairman; J. G. C. McNair, G. A. Wharry, J. W. Bossert, and Samuel Klein; raw materials, H. A. Wakefield, chairman; committee to be announced later; publicity, W. S. Auchincloss, chairman, F. R. Trafford, and A. E. Horn; transportation, G. A. Wharry, chairman; golf (special), G. A. Wharry, chairman; traffic, J. J. A. Winzenried, chairman; W. P. Pashley, D. R. Norris, and John Otto.

Witco's New Technical Booklet

Wishnick-Tumpeer, Inc., this city, has just issued a new technical booklet, "Witco Products-Chemicals, Oils, Pigments," which presents in convenient reference form, complete data on more than fifty of the various products manufactured by the company. Technical information, specifications, properties, applications, and commercial information are covered. The book is indexed by consuming industries served by Witco, and the products are divided into seven major industrial classifications:—Chemicals for rubber, paint, varnish and lacquer, printing inks, paper, ceramics, leather, drugs, and cosmetics. Copies may be obtained by those interested by writing to the company at 295 Madison avenue.

M'Closkey Holds Summer Outing

The McCloskey Varnish Company held its Summer outing July 11, taking its Philadelphia employees and their families by boat down the Delaware river to Riverview Beach. It was a regular old-time picnic, with lollypops, soda, pink lemonade, scenic railways, crack-the-whips, whirlers, and bathing.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

SUPERLITH XXX
THE SUPERIOR ZINC SULPHIDE
C. J. OSBORN CO., 132 Nassau Street, NEW YORK
Established 1889

RED OXIDE
INDIAN - TURKEY - VENETIAN
OCHRE - SIENNA - UMBERS
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SOMMER SCHMIDDING WORKS: DUESSELDORF
Special Plants for: BODIED OILS • PRINTING INKS
ESTER GUMS • GUM RUNNING
VARNISHES
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STEARATES - ZINC - MAGNESIA
WHITE MINERAL OILS U. S. P. and TECHNICAL
Manufacturers and Importers for thirty years
M. W. PARSONS, Imports & PLYMOUTH ORGANIC LABORATORIES, Inc.
55 ANN STREET, NEW YORK CITY

SEITZ FILTERS
More than 100,000 are working either on
CLARIFICATION or COLD STERILIZATION
of all kinds of liquids.
AMERICAN SEITZ FILTER CORPORATION
Offices: 31 Union Square, New York City Factory: Paterson, N. J.
SAN FRANCISCO • SEATTLE • CHICAGO • TORONTO, CAN.

"SUCO"
Ultramarine Blues
Alkali Blue Toners
Methyl Violet Toners
Blanc Fixe
•
STANDARD ULTRAMARINE COMPANY
HUNTINGTON, W. VA.

MEURER
STEEL DRUMS
THE STANDARD OF QUALITY
HEAVY RETURNABLE AND LIGHT SHIPPING
PLAIN STEEL HOT GALVANIZED
STAINLESS STEEL PURE NICKEL
HOT DIP TINNED MONEL METAL
SPECIAL INTERIOR COATINGS
HEAD AND SIDE COLOR DECORATED

I. C. C.— 5E and 5J
Decorated Type

MEURER
STEEL BARREL COMPANY, Inc.
105 AVENUE L
NEWARK, N. J.
Sales Agents
Philadelphia F. E. RUTAN, Jr. 1600 Walnut St.
Baltimore R. S. MUELLER CO. Garrett Bldg.
Pittsburgh T. C. TIPPER & CO. 3648 Brighton Rd.
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No. 8 MIXER
The best built mixer in the market. Made in two sizes.
Write for Quotation
ARTHUR COLTON CO.
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DETROIT MICHIGAN

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MANY repeat orders are lost because products have been allowed to deteriorate in transit or storage. Is *your* product always delivered in perfect condition?

Complaints of damage from container-failure are stopped when you ship in Bemis Waterproof Bags. They provide that all-important margin of safety—*complete* protection against sifting, odor, dust, and loss or gain of moisture.

There is a *type* of Bemis Waterproof bag for every industry. Users profit by important savings in original cost, freight, handling, storage, and labeling.

It will cost you nothing to investigate Bemis Waterproof Bags, and it may solve your shipping problem. Write for further information.

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400 Poplar St. St. Louis, Mo. 5102 Second Ave. Brooklyn, N. Y.

BEMIS *Waterproof* BAGS

Shawnee
DRY COLORS
Color Content Guaranteed

Chrome Greens
Chrome Yellows
Toluidine Reds
Para Reds Iron Blues
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Ultramarine Blue

KENTUCKY COLOR & CHEMICAL CO.
Incorporated
General Office and Works
LOUISVILLE, KENTUCKY
Offices and Agents in Principal Cities
Distillers of Coal Tar Products

THE BRADLEY STENCIL MACHINE

MACHINES TO CUT ½ in., ¾ in., 1¼ in., 1½ in. LETTERS

CUTS PAPER SHIPPING STENCILS

A. J. Bradley Mfg. Co.
101 Beekman Street New York

Stearates

ALUMINUM
ZINC
CALCIUM
MAGNESIUM

Pure
Dependable
Uniform
QUALITY

STEARATE OF MAGNESIA
Light, Great Adhesiveness. Pure White. Immeasurable Fineness. Heavy if desired. Dusts out under the puff like the finest pollen. Made to satisfy most exacting requirements.

STEARATE OF ZINC
Odorless, Impalpable, Pure White. Water Resisting. Great Adhesiveness. Light or Heavy as desired. Highest standard of Purity and Uniformity.

We manufacture the foregoing on a large scale. Prompt deliveries in any quantity from one barrel to a carload.

STOCKS CARRIED: Chicago, St. Louis, San Francisco, Los Angeles, Kansas City, Mo.; Des Moines, New Orleans.

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Franks Chemical Products Co
53-33rd Street, Brooklyn, N. Y.

Webb & Sons Plant Wrecked by Explosion

Immediately following an explosion of alcohol which was being pumped from a tankcar into drums in front of the naval stores establishment of the A. L. Webb & Sons Company, South Eutaw street, Baltimore, soon after noon July 11, fire spread through the plant, destroying it, killing four persons, injuring a number of others, damaging a warehouse adjoining the plant, and crashing out scores of windows in the neighborhood.

Those killed were Miss Augusta Renner, twenty-two years old, stenographer in the Webb office; Macon O'Neill Berry, who conducted a provision brokerage business in an adjacent building; and two Negro employees of the Webb company.

Charles A. Webb, a member of the firm, and head of Charles A. Webb & Co., alcohol distributor, sales agent for the Empire Distilling Corporation, was very badly burned and suffered a fractured skull. He is a bridegroom of only a few months.

The cause of the explosion has not been ascertained; but the destruction of the Webb plant, a three-story brick building, was complete, as illustrated in the picture published herewith, and the loss heavy. Soon after the fire started, drums of alcohol continued to explode for more than twelve hours. The Webb company is one of the most important naval stores distributing concerns in Baltimore and has been in existence for many years. The company has offices in the National Marine Bank building, in South Gay street.

A.S.T.M. Paint Group To Broaden Scope

(Continued from page 5)

In the sub-group interested in the specification of pigments, the work will consist of a further study of zinc oxide, with reference to distinction between the American process and the French process. Umbers, ochres and siennas will be studied with the object of the development of satisfactory specifications. Measurements of physical properties of dry pigments and pastes will be undertaken, listing the properties for which methods are needed.

The special group engaged in a study of gloss, with the view to the development of a satisfactory definition and specification, has examined instrumentally, samples obtained from eight national manufacturers of paints that are representative of high gloss, egg-shell and flat finishes. The committee plans, during the coming year, to follow up this work and present tentative definitions that will be acceptable from the point of view of science, and yet sufficiently understandable to be of use to the layman.

This standing committee has authorized the appointment of a committee, headed by H. A. Nelson, to consider the feasibility of sponsoring a symposium during the coming year on weathering tests. If the proposed symposium is looked upon with favor by the committee, they have been authorized to select time and place and proceed with the necessary plans to insure its successful presentation.

Rowe Wins Save-Surface Golf

The Save the Surface golfers of the New York Paint, Varnish & Lacquer Association held their initial tournament July 16 at the Wheatly Hills Golf Club, East Williston, L. I. First prize was taken by Reginald M. Rowe, of the National Lead Company and Adam Dunn, of the Cook & Dunn Paint Company was runner-up. Daniel Becker, of Reichard-Coulston, was third.

G. A. Wharry, chairman of the golf committee, was encouraged by a turnout of thirty members, and plans to invite members of the New York Paint & Varnish Production Club to next month's tournament, which will be held either at the Winged Foot or Old Oak course in Westchester. J. W. Bossert, of the Reichard-Coulston Company was host at the July tournament.

Petroleum Rates in Far West Are Suspended by I. C. C.

WASHINGTON, July 15, 1936.

The Interstate Commerce Commission has suspended from July 15, 1936, to February 15, 1937, the operation of schedules proposed by the Great Northern Railway Company and others which would have reduced rates on petroleum and petroleum products from California and Oregon points to California points.

William H. Jarden, jr., president of the McCloskey Varnish Company, with Mrs. Jarden and their son, Donald C. Jarden, sailed July 8 aboard the Queen Mary, for a two months tour of Europe.

Callahan Zinc-Lead Company has had authorized the listing on the New York Stock Exchange of 747,518 additional shares of $1 par capital stock of the company.

ASBESTINE
Reg. U. S. Pat. Off.
FOR PAINT MANUFACTURERS
INTERNATIONAL PULP CO., 41 Park Row, New York

Current Market Quotations

(Continued from page 19)

Zinc—Zircon. Oxide

Zinc metal (see daily quotations in market report).

Oxide, pigment, dom., Amer. process, comnl., lead-free, bgs., c.l., dlvd..lb.	.06	- —
l.c.l., dlvd. except Pac. cst..lb.	.06¼	- —
ex whse.,Pac.cst..lb.	.06¼	- —
bbls., c.l., dlvd.....lb.	.06¼	- —
l.c.l., dlvd., except Pac. cst..lb.	.06½	- —
ex-whse.,Pac. cst.lb.	.06½	- —
leaded, 5%, 25%, 50%, bgs., c.l., dlvd..lb.	.04½	- —
l.c.l., dlvd., except Pac. cst..lb.	.05½	- —
ex whse.,Pac.cst.lb.	.05½	- —
bbls., c.l., dlvd.....lb.	.05½	- —
l.c.l., dlvd., except Pac. cst..lb.	.05⅝	- —
ex-whse.,Pac. cst.lb.	.05⅝	- —
French process, comnl., lead-free, bgs., c.l., dlvd. lb.	.05	- —
l.c.l., dlvd. except Pac. cst..lb.	.05¼	- —
ex whse., Pac. cst. lb.	.05¼	- —
bbls., c.l., dlvd.....lb.	.05¼	- —
l.c.l., dlvd., except Pac. cst..lb.	.05½	- —
ex-whse.,Pac. cst.lb.	.05½	- —
green seal, bgs, c.l., dlvd. lb.	.06	- —
l.c.l., dlvd. except Pac. cst..lb.	.06¼	- —
ex whse., Pac. cst. lb.	.06¼	- —
bbls., c.l., dlvd.....lb.	.06¼	- —
l.c.l., dlvd., except Pac. cst..lb.	.06½	- —
ex-whse.,Pac. cst.lb.	.06½	- —
red seal, bgs., c.l., dlvd. lb.	.05½	- —
l.c.l., dlvd. except Pac. cst..lb.	.05⅝	- —
ex whse., Pac. cst. lb.	.05⅝	- —
bbls., c.l., dlvd.....lb.	.05⅝	- —
l.c.l., dlvd., except Pac. cst..lb.	.06	- —
ex-whse.,Pac. cst.lb.	.06	- —
white seal, bgs, c.l., dlvd. lb.	.06½	- —
l.c.l., dlvd. except Pac. cst..lb.	.06⅝	- —
ex whse., Pac. cst. lb.	.06⅝	- —
bbls., c.l., dlvd.....lb.	.06⅝	- —
l.c.l., dlvd., except Pac. cst..lb.	.07	- —
ex-whse.,Pac. cst.lb.	.07	- —
import., gold seal, csk., ex dock..lb.	.10⅝	- .11⅛
green seal, bbls.,1-15 tons, ex dock..lb.	.07½	- .08⅝
ex whse.....lb.	.07½	- .09⅝
red seal, bbls., 1-15 tons, ex dock..lb.	.08⅝	- —
ex whse.....lb.	.09	- —
white seal, csk., lots of 8, ex dock..lb.	.09⅝	- —
ex whse.....lb.	.10	- —
smaller lots, ex dock lb.	.10	- —
ex whse.....lb.	.10¼	- —
USP, bbls., c.l.....lb.	.08	- —
l.c.l. .....lb.	.08¼	- —
Palmitate, bbls.....lb.	.22	- .28
Resinate, fused, pale, bbls...lb.	.09	- .10
precip., dms., dlvd.....lb.	.15	- —
Stearate, tech., precip., bbls., ctns., c.l..lb.	.19	- —
l.c.l., 1 ton.....lb.	.20	- —
1,000-2,000 lbs.....lb.	.21	- —
less than 1,000 lbs..lb.	.22	- —
USP, bbls.....lb.	.20	- .28
Sulphate, cryst., bgs., c.l.100 lbs.	2.65	- —
l.c.l. .....100 lbs.	3.15	- —
bbls., c.l.....100 lbs.	2.80	- —
l.c.l. .....100 lbs.	3.30	- —
flake, ogs., c.l.....100 lbs.	3.05	- —
l.c.l. .....100 lbs.	3.55	- —
bbls., c.l.....100 lbs.	3.20	- —
l.c.l. .....100 lbs.	3.70	- —
powd., bgs., c.l.....100 lbs.	4.35	- —
l.c.l. .....100 lbs.	4.85	- —
bbls., c.l.....100 lbs.	4.50	- —
l.c.l. .....100 lbs.	5.00	- —
Sulphide, bgs., c.l. (20 tons), dlvd..lb.	.10½	- —
l.c.l., 5 tons, dlvd. E. or ex whse., Pac. cst..lb.	.11	- —
1 ton, same basis.....lb.	.11½	- —
smaller lots, same basis.lb.	.11½	- —
bbls., c.l. (20 tons), dlvd..lb.	.10⅝	- —
l.c.l., 5 tons, dlvd. E. or ex-whse. Pac. cst..lb.	.11¼	- —
1 ton, same basis.....lb.	.11½	- —
smaller lots, same basis.lb.	.11¾	- —
Sulphocarbolate, NF, bbls...lb.	.24	- .26
Zinc-ammonia chloride, cks....lb.	.0465	- .05
Zinc-iron oxide pigment, bgs.,c.l., dlvd..lb.	.08¾	- —
l.c.l., dlvd. except Pac. cst..lb.	.04½	- —
ex whse., Pac. cst....lb.	.04½	- —
Zirconium nitrate, kgs., works.lb.	3.00	- 4.00
Oxide, crude, 73-75%, grd.,bbls., works..ton.	75.00	-100.00
kgs., small lots, works..lb.	.04¾	- .04⅝
white, 99%, grd., kgs., works, lb.	1.40	- 1.50

Synthetic Resins and other Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the July 6 issue; the next printing will be in the August 3 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish, and Lacquer Materials market, which begins on page 31.

Oils, Fats and Waxes

Tallow Active at a Further Rise—Menhaden and Sardine Oils Up Again—Soybean Continues to Advance—Narrower Changes In Cottonseed Oil Prices—Linseed Higher

A firm tone continued to prevail in the markets for miscellaneous vegetable, animal and fish oils, fats and greases last week, the trend of quotations still being upward despite irregularity at times in cottonseed oil, lard and grain futures. In some instances demand showed a falling off, but on the other hand a further broadening of business was noted in various other directions. Offerings of many products, both domestc and imported, were light throughout the period and the improvement in sentiment regarding the outlook for business and prices which developed recently remained in evidence last week.

Among the vegetable products, soybean was stronger, producers announcing the fourth increase in prices thus far in the current month. Demand was more active, buying interest being stimulated by the course of competing product and less favorable news concerning the soybean crop. Coconut oil was higher, following strengthening developments in the primary position of copra and oil. Chinawood oil was quiet, but the markets here and on the Coast were firmer in company with the Chinese situation. Perilla oil was maintained by most sellers, but there were reports of offerings at slight concessions owing to a lessened demand. A further rise occurred in corn oil, due mainly to the strength of grain. Edible cottonseed oil was advanced by refiners.

Tallow was a strong feature of the list of animal products. Large consumers manifested more interest in the market and sales were reported at a further advance. Offerings continued light on the rise. Higher prices were also quoted for greases. Cash lard was irregular in company with futures in Chicago, where sentiment among speculators appeared to be more mixed as a result of conflicting reports concerning the corn crop. Lard compound was more active and prices were advanced further. Stearin continued to rise owing to increasing scarcity. Refiners of menhaden and sardine oils announced a further rise in prices with demand more active. Stearic acid met with a better inquiry and the market was firm at the recent advance.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Carnauba wax, No. 1 yellow, 1½c. per lb.
No. 2 yellow, 2c. per lb.
No. 2 North Country, 2c. per lb.
No. 3 North Country, 2¼c. per lb.
No. 3 chalky, 1¼c. per lb.
Chinawood oil, ½c. to ¼c. per lb.
Coconut oil, ¼c. per lb.
Cod oil, 2c. per gal.
Copra, ¼c. per lb.
Corn oil, ½c. per lb.
Cottonseed oil, edible, 30c. per 100 lbs.
Grease, ½c. to ¼c. per lb.
Lard compound, 75c. per 100 lbs.
Linseed cake, $2.50 per ton.
Linseed meal, $1.50 per ton.
Linseed oil, 2-10c. per lb.
Menhaden oil, refined, 2-10c. per lb.
Oleo oil, 25c. per 100 lbs.
Sardine oil, refined, 2-10c. per lb.
Soybean oil, 2-10c. per lb.
Stearin, 1½c. per lb.
Sunflowerseed oil, ¼c. per lb.
Tallow, ¼c. per lb.

Reduced

Lard, Western, 20c. per 100 lbs.
Perilla oil, ¼c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
124.1	121.6	112.4	122.6

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Chinawood.—The markets here and on the Coast continued rather quiet much of the time last week in the absence of anything very stimulating in the way of market news from abroad. The trend of prices at Hankow was upward at times, but changes were not very marked and buyers in domestic centers were still disposed in many instances to curtail purchases pending more decisive developments abroad. Local and Coast prices were about ½c. to ¼c. per pound higher at one time, but the figures were more or less nominal in the absence of transactions of consequence. In some quarters there was a disposition to take a rather favorable view covering the outlook for business, and prices in the long run, this feeling apparently being the result largely of developments in various other commodities.

Coconut.—With the primary situation stronger, the markets here and on the coast had a firmer tone last week despite the absence of any broadening of trade. Copra and coconut oil were in upward tendency abroad with an increase in buying interest reported on the part of foreign consumers. Local quotations on both crude and refined oil were ¼c. per pound higher. Occasional inquiries were noted but actual business was limited to unimportant quantities. Copra was quoted at 2.65c. per pound on the coast and some business was reported to have been closed at that figure.

Corn.—The market was stronger, being dominated mainly by the course of grain and the strength of competing oil. Buying interest showed some increase but few transactions were reported owing to the lightness of offerings. For crude oil 9c. was a nominal quotation.

Cottonseed.—Edible oil was stronger, refiners announcing a further increase in prices of 30c. per 100 pounds. Business showed some increase. Imported cottonseed oil was also firmer with offerings lighter and quotations nominal.

Palm.—The market here remained in a firm position, this being a reflection of conditions abroad and the strength of competing products. Offerings were light on spot and for shipment. A somewhat better inquiry was reported.

Perilla.—Demand was rather less active last week, recent developments apparently making consumers disposed in some instances to hold off for a time. Offerings were noted at concessions of ¼c. but other sellers remaining firm in their views. Spot supplies appeared to be rather small.

Rapeseed.—Buying interest slackened to some extent last week, consumers being inclined in some instances to await further developments in other commodities. Reports were heard of offerings at 62c. per gallon but as a rule sellers continued to maintain prices at previous levels.

Soybean.—The market continued to strengthen, prices being advanced further by producers to 8.7c. per pound for raw in tank cars. An increase was noted in demand. According to the July government report, the acreage of soybeans grown alone, estimated at 4,380,000 acres, is 16 percent. lower than the 5,211,000 acres in 1935.

Markets at Other Centers

San Francisco, July 13.—Strength generated by such underlying factors as drought conditions and new duties on certain imported oils pushed the vegetable oil market into a busy period of activity last week, when a number of prices moved upwards on rather brisk trading. The entire list is strong.

Ruling prices are:—

BABASSU.—Quoted nominally at 7c. per pound in tankcars, f.ob. mill, Pacific Coast.

COCONUT.—Crude oil is higher at 4¼c. per pound in tankcars, f.o.b. Pacific Coast mills, July-August shipment. Futures nominal, with sellers indicating higher levels.

COPRA.—After a busy week, buying and selling factions in the copra market have about reached a stalemate here, with the market in firm possession of sellers. Prices rose during the past few days to a 2.60 cent level today, but crushers on the Pacific Coast are not so anxious to buy at this boosted figure. Meantime, sellers are in most cases resisting any attempts to push the market down. Quoted at 2.60c. per pound, c.i.f. Pacific Coast ports. Meal is quoted at $24 per ton for domestic, ex mill. Philippine meal quoted at $22.50 ex dock, San Francisco.

CHINAWOOD.—Strong at 18¼c. per pound in tankcars, f.o.b. Pacific Coast ports, July-October shipment.

SOYBEAN.—Crude Oriental oil, f.a.q., quoted at 5⅝c. per pound nominally, c.i.f. Pacific Coast ports in bulk steamers' tanks, with drum lots, duty paid, at 10½c. Refined and deodorized Oriental oil, duty paid, at 10¾c. per pound in drums.

KAPOKSEED.—Foreign crude kapokseed oil is quoted at 8½c. per pound in tankcars, f.o.b. Pacific Coast ports. Bleachable grade, 9c.

PERILLA.—Japanese oil is quoted at 9c. per pound in tankcars, prompt shipment. Futures strictly nominal.

HEMPSEED.—Crude oil is quoted at 8c. per pound in tankcars, f.o.b. mill, Pacific Coast, with drum lots at 8¾c., prompt shipment. Refined oil is quoted at 9c. per pound in tankcars, with drum lots at 9¾c., ex warehouse.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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The best Oil for Wool, Lubricating and Screw Cutting Compounds, etc.
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SESAME.—Crude oil is quoted higher at 7¼c. per pound in tankcars, f.o.b. mill, prompt shipment, Pacific Coast.

Chicago, July 17.—Market values of principal grades of vegetable oils have continued to step up here in the last few days. The buyers are still somewhat cautious, but are not so extremely so as earlier. Sellers are holding more firmly for their asked prices. Tone generally is good. Price improvement is mostly limited to small fractions in the last few days. Tone of the market seems healthy.

COCONUT.—Crude oil, 4⅛c. to 4¼c. per pound; refined, edible oil, 9⅝c. to 10¼c. per pound, barrels, car lots; and 10c. to 10½c., barrels, less than car lots.

CORN.—Crude, low acid, 9c. to 9¼c. per pound, partly nominal, tanks, mills. Refined, edible oil, 10¾c. to 11c., barrels, car lots; and 11½c. to 12c., barrels, less than car lots.

CHINAWOOD.—Ruling spot, drums, 18¾c. to 19c. per pound; futures shipments, 18½c. to 18¾c.

SOYBEAN.—Crude, prompt shipment, 8c. to 8¼c. per pound, mills; and 8½c., Chicago.

PEANUT.—Crude, 8⅞c. to 9c. per pound.

London, July 9.—Soybean oil, British crude, 29s. 6d. per hundredweight; palm kernel oil, refined, 29s. per hundredweight; rapeseed oil, crude extracted, 34s. 3d. per hundredweight; coconut oil, Ceylon, 25s. per hundredweight; peanut, Indian, crude, 29s. per hundredweight.

Chicago, July 17.—Range for soybeans for the week ended July 15:—No. 2 yellow, high, $1.21; low, $1.13.

Linseed Oil

Flaxseed prices had an upward trend in the main last week although there was irregularity at times. Linseed oil was advanced further by some crushers. Cake and meal higher.

Flaxseed—DULUTH, July 17.—Drouth news and a bullish government crop report combined to keep flax prices mounting here during the past week. Prices were bid up to their limit levels two days in succession recently and the gains of 20c. and more scored in the rise have been generally held despite reports of a break in drouth and heat siege in the Northwest. Trading has been narrow, with resultant wide price swings. Cash business has been limited by meager offerings, although demand continues to hold on an even keel.

The week's closing price range was as follows:—

	Cash.	Sept.	Oct.
Saturday	$2.10	$2.10	$2.10
Monday	2.08½	2.08½	2.08½
Tuesday	2.08¼	2.08¼	2.08½
Wednesday	2.12	2.12	2.12
Thursday	2.12	2.12	2.12
Friday	2.11	2.11	2.11

Crop movement in bushels follows:—

	Receipts 1936.	Receipts 1935.	Shipments 1936.	Shipments 1935.
This week.	54,349	1,451	....	....
Since Aug. 1	3,215,082	286,232	430,993	451,249

MINNEAPOLIS, July 17.—Unbearable heat through the northwest made flax futures very strong during the past week but cash premiums held firm and unchanged because of oil sales and the desire of crushers to keep hedged in raw material as far as possible. Local crushers were the main buyers of flax offered from the country as premiums were too high for elevator companies to operate on and eastern crushers were able to secure Argentine supplies at a cheaper comparative prices. Farmers are not delivering much seed because of the poor condition of their new crop. Local elevator stocks are disappearing gradually because of light arrivals and the need of seed to crush for fullfilment of oil contracts.

Crop news is uniformly bad. The persistent drought destroyed a lot of acreage in the past week and many fields failed to germinate at all for lack of moisture. It is very doubtful whether the yield indicated by the government report will be realized. The trade is still waiting for some authentic estimate of acreage and so far has failed to find any. Private reports indicated a large increase over last season but the abandoned acreage will be heavier than usual. Record temperatures have prevailed for a longer period than usual and the general outlook is dismal. Good rains are needed at once to prevent further deterioration. In the past day or so fair showers to good rains have fallen, but in a very spotted way.

The week's closing price range was as follows:—

	Cash.	Sept.	Oct.
Saturday	$2.13	$2.08½	$2.07
Monday	2.13	2.09	2.07
Tuesday	2.12	2.08	2.05
Wednesday	2.15	2.08	2.09
Thursday	2.17	2.10	2.11
Friday	2.16	2.16	2.09

Crop movement in bushels as follows:—

	Receipts 1936.	Receipts 1935.	Shipments 1936.	Shipments 1935.
This week.	30,000	19,000	14,000	16,420
Since Sept. 1	8,155,260	4,923,906	1,563,300	1,054,890

WINNIPEG, July 17.—The market for flaxseed futures was irregular with trading quiet. The week's closing range was as follows:—

	Cash.	Oct.	Dec.
Saturday	$1.70	$1.65	$1.62
Monday	1.70	1.66⅞	1.63½
Tuesday	1.69	1.66	1.63½
Wednesday	1.68⅛	1.67	1.65
Thursday	1.71	1.70⅝	1.68⅞
Friday	1.71	1.71	1.69

BUENOS AIRES, July 17.—Opening prices per bushel on July contracts were:—

	Last week.	Last year.
Saturday	$1.30⅝	$0.98⅝
Monday	1.29⅞	.99⅛
Tuesday	1.27⅞	1.00⅛
Wednesday	$1.28⅝	1.01⅛
Thursday	1.30¼	1.00⅝
Friday	1.30⅛	.99⅝

* August.

Exports

To—	Bushels Last week.	Bushels Previous week.	Bushels Last year.
United States	142,000	79,000	.....
United Kingdom	4,000	.....	4,000
Continent	1,039,000	929,000	929,000
Orders	150,000	295,000	142,000
Others	.....	.....	24,000
Totals	1,335,000	1,303,000	1,099,000

Since January 1

To—	Bushels This year.	Bushels Last year.
United States	5,823,000	9,736,000
United Kingdom	303,000	778,000
Continent	17,326,000	19,920,000
Orders	8,176,000	12,935,000
Others	1,242,000	2,014,000
Totals	32,870,000	45,383,000

Visible Supply

	Bushels.
Last week	6,692,000
Previous week	6,299,000
Last year	5,118,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels Last week.	Bushels Previous week.	Bushels Last year.
United Kingdom	164,000	540,000	.....
Continent	4,000	16,000	.....
Others	.....	.....	.....
Totals	168,000	556,000	.....

Since April 1—	Bushels This year.	Bushels Last year.
United Kingdom	3,600,000	1,464,000
Continent	668,000	244,000
Others	44,000	40,000
Totals	4,312,000	1,748,000

HULL, July 17.—Quotations on flaxseed were:—

	Per ton— La Plata.	Per ton— Calcutta.
Saturday	£11⅞	£18⅞
Monday	11⅞	14
Tuesday	11⅞	14
Wednesday	11⅞	14¼
Thursday	11⅞	..
Friday	11⅞	..

Linseed Oil.—A firm tone continued to prevail in the local market for linseed oil, this being a reflection of the recent bullish government crop report, the course of flaxseed prices in Northwestern markets and the strength displayed by competing oil products. Prices were advanced further by some crushers, quotations late in the week ranging from 9.5c. to 9.7c. per pound for tankcars. It was intimated that the outside figure could be shaded on a bid but in view of the unfavorable character of crop accounts, crushers were not inclined to push matters.

Conflicting reports were heard concerning the condition of business which was described as quiet in some instances and as showing some improvement in others. There was a steady movement into consuming channels on unfilled contracts and the output of the mills was apparently being well absorbed. Stocks of both seed and oil at some points were said to be unusually small.

A bullish construction was placed upon the July government crop report, especially as decidedly unfavorable weather have prevailed since July 1, the date on which the report was based. According to private reports there has been much abandonment of acreage since then with the condition of many other fields steadily deteriorating because of the prolonged extremely high temperatures and absence of the needed rainfall, precipitation at many stations for some time past having been very light or lacking.

Demand for cash flaxseed was sufficient to absorb the offerings and cash premiums were maintained. Owing to the serious crop situation farmers are said to be inclined to market their remaining small supplies of seed very sparingly. Trading in futures was more active.

Crop accounts from Argentina were less favorable. Rainfall in that country is reported to have been excessive recently and seeding operations have been brought to a halt. There were no receipts of flaxseed at New York last week.

MINNEAPOLIS, July 17.—Linseed oil trade this week is slower because of the fact that buyers have accounted for a fairly large proportion of their requirements up to the turn of the year. Some good sized lots were worked last week and the crushers were a little hesitant about giving up the totals. At any rate they are well sold out and if they sell more would be bothered in getting raw material to finish for the buyers. It is hard to hedge sales in futures because of very meager offers and the new crop outlook is such that crushers refuse to deal in oil for delivery beyond the turn of the year. Of late they have shown increasing hesitancy regarding sales for shipment later than 60 to 90 days because of crop news.

Shipping instructions on old and maturing contracts are quite prompt on the average and stocks on hand here are decreasing steadily. Operations continue light as flax reserves are small and would be cleaned up quickly if presses were run freely.

Quotations on carload lots f.o.b. Minneapolis, cooperage car lots 10.3c. per pound, tankcar lots 9.9c. per pound and warehouse lots 10.9c. per pound.

Shipments of oil in pounds were as follows:—

	1936.	1935
This week	1,766,011	824,857
Since Sept. 1	101,560,028	50,002,287

CHICAGO, July 17.—Demand for linseed oil based on consumption has shown some irregularity, without any very clear-cut trend. Inquiries continue to come in at a relatively good rate. Most orders involve limited quantities in individual cases. Ruling prices are:—Tankcar, 9.7c. per pound; drums, car lots, 10.4c.; warehouse deliveries, 10.7c.

SAN FRANCISCO, July 12.—Linseed oil buyers stepped into the market here last week in a body and, as the market pointed upwards, bought what was considered to be the greater portion of their requirements for the balance of this year. Sales were brisk in all divisions, with tankcar and drum lots figuring in the business for both prompt and deferred contracts. The main impetus of trade was felt immediately after the government report, estimating a low crop. Meantime, deliveries against old contracts are holding well. Quoted:—Tankcars, 10.5c. per pound; drum car lots ex-mill, 11.1c.; drum lots ex-warehouse, 11.5c. Meal is quoted at from $27 to $29 per ton.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

THE BRODÉ CORPORATION, MEMPHIS TENNESSEE
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LONDON, July 17.—Quotations on linseed oil were:—

	Per cwt. s.	d.
Saturday	27	0
Monday	26	10½
Tuesday	26	9
Wednesday	26	6
Thursday	26	6
Friday	26	6

Cake and Meal.—Developments in the flaxseed situation were reflected in a stronger market for cake and meal here, spot prices being advanced sharply by crushers with offerings light on the rise. Cake on spot was quoted late in the week $27.50 per ton and meal at $38 per ton. Demand was fair.

MINNEAPOLIS, July 17.—Demand for meal is fully equal to supply currently and the tone of the market is strong. Virtually all of the crushers are sold out of reserve stocks and fresh make is very light. Drying pasturage makes the demand good and shipping instructions on maturing contracts are prompt.

Re-sellers step into the picture occasionally and offer under crusher prices but they are not real competitors for going trade because most of them feel bullish and only sell when their shipping instructions are asked for.

Quotations on carload lots f.o.b. Minneapolis, 30 percent protein, $39 to $40 per ton; 37 percent protein, $41.50 to $43 per ton.

Shipments of meal in pounds were as follows:—

	1936.	1935
This week	2,826,421	1,897,830
Since Sept. 1	206,694,488	73,662,501

CHICAGO, July 17.—The demand for linseed meal is becoming more and more active, with the supply tending to dry up aspect. Prices are moving steadily, and sellers now admit they do not wish to sell, and in some cases that they are unable to sell. Ruling prices are:—Round lots, $39 per ton, largely nominal; car lots, $39 to $40; less than car lots, $41.50 to $42.

Cottonseed Oil

Local and southern markets for cottonseed products were quieter last week. Here traders in oil were disposed to curtail operations pending further developments in other commodities. Southern offerings continued light.

Cottonseed Oil.—The market for refined cottonseed oil futures was quieter last week, local and other operators being inclined to curtail dealings to some extent pending further developments in the markets for grain, lard and cotton futures as well as in the cotton crop situation. For the time being at least sentiment was rather more two-sided although underlying conditions apparently remained much as they were in the previous week. In some instances, however, there appeared to be an opinion that the market was entitled to at least a temporary setback after the recent upturn.

There was little disposition to take the aggressive on the bear side so far as the generality of the trade was concerned and in the opinion of some much of the selling was in the nature of liquidation for account of local and outside longs. Rather sharp reactions in grain were followed by equally sharp upturns, the course of cereals as well as lard being regarded by some as due mainly to technical speculative conditions. Southern markets for crude cottonseed oil were generally firm. Offerings continued light in all sections and according to some there does not seem to be any prospect of a material change in the situation in this respect until supplies of new crop seed and oil increase.

Products which compete with cottonseed oil in main cases were firm or higher. Sales of tallow were noted at a further advance, transactions for the week being reported as rather large. Lard compound was sharply higher with reports of an increased demand. The trend of copra and coconut oil was upward in domestic centers following an upturn abroad. Supplies of many vegetable and animal fats and greases appeared to be small on spot, this applying to both domestic and foreign products. Hog markets were generally firm. Receipts of hogs in the principal Western centers for four days of the week aggregated 208,300 head against 142,300 head in the same time last year. The average weight of the hogs received in Chicago during the week ended July 11 was 267 pounds against 263 pounds in the previous week and 262 pounds in the week before that.

The weekly government weather and crop report stated that in Texas cotton shows improvement generally except in parts of the South where rain has favored weevil; blooms were general except in the extreme northwest. In Oklahoma progress was only fair but the condition of the crop is generally good though rain would be beneficial. In the Mississippi Valley states progress was satisfactory following recent rains. In many parts of Georgia and South Carolina plans are small, late and shedding. In North Carolina early cotton is blooming freely in the eastern counties.

Following is a record of the market for bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from July 11 to July 17, inclusive:—

	Cents per lb. in tanks— High.	Low.	Close.	Sales. Tanks.
January	10.01	9.56	9.67@ 9.69	94
February	...	...	9.68 nom.	..
July	9.85	9.61	9.76@ 9.85	10
August	...	...	9.75 nom.	..
September	10.07	9.60	9.76@ 9.82	90
October	10.10	9.63	9.75 sale	160
November	10.10	9.63	9.70 nom.	..
December	10.06	9.55	9.72 sale	220
Total sales (18 switches)				592

Crude, Southeast, 8.75c. nom.
Valley, 8.75c. nom.
Texas, 8.50c. nom.

Chicago, July 17.—The cottonseed oil market has been in good tone, with a trend encountered toward firming conditions quite generally in expression of trade sentiment. Offerings seem not especially heavy, while buyers seem quite interested in the market at this time. Prime crude oil in Texas and Oklahoma is 8⅝c. per pound; and in the Valley and Southeast, 8¾c. Good, off-Summer yellow fig oil is 9¾c. Refined, edible oil is quoted at 10½c. to 11c. per pound, barrels, car lots; and 11c. to 11½c., barrels, less than car lots.

Hull, July 17.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	28	6	26	3
Monday	29	0	26	6
Tuesday	29	0	26	6
Wednesday	29	0	26	6
Thursday	29	0	26	6
Friday	29	0	26	6

Cake and Meal. — A steady or firm tone continued to prevail in Southern markets last week, with offerings reported as light in all sections. Competing products were generally firm and reports concerning feeding requirements continued to be of bullish character in the main, despite improvement in some sections as a result of the breaking of the drought.

Markets at Other Centers

Atlanta, July 15.—Prices of cottonseed products have turned sharply upwards. This change is considered to be the result of serious effects of drouth on the future cotton crop. Oil, meal and hulls have all advanced well above prices of ten days ago.

The scattered cotton plants that the drouth left are growing rapidly as the local showers provide moisture.

Quotations of this market are as follows:—

OIL.—Prime crude, 8¾c., nominal.

MEAL.—7 per cent grade, $28 per ton, interior mills.

HULLS.—Loose, $16 per ton.

Memphis, July 17.—Crude cottonseed oil ruled firm during the week. Sales and offerings were light, the last transactions being at 8¾c. per pound, Valley basis. Cottonseed meal continued in upward trend with sales reported at $32 per ton for 41 percent, Memphis basis. Supplies available for July shipment from mills are very light. The cotton crop continues to make good progress in this section. Present prospects are the best in some years, but the deterioration period is still ahead.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	July 9.	July 16.
July	$30.00@——	$32.00@——
September	28.75@29.00	29.50@29.75
October	27.75@28.00	28.60@29.00
December	27.75@——	28.50@28.75

Animal Oils

Degras. — Conditions remained much as noted in the previous week, the prevailing tone being firm with quotations well maintained. Demand was fairly active though much of the purchasing was apparently of a conservative character.

Lard. — Quotations were stationary during the week but the tone of the market was firmer owing to recent developments in basic material. There was a somewhat better inquiry for the various grades from local and other consumers.

Neatsfoot. — There were no further developments in the way of price changes, the market being firm at previous levels. There were reports of a somewhat better demand in a jobbing way.

Oleo. — Quotations were advanced 25c. per 100 pounds, the tone of the market being firmer. A fairly active demand was noted for moderate quantities.

Markets at Other Centers

Chicago, July 17.—The animal oils have been participating in the general improvement that has been noted in the whole range of markets of which it is a part, although in the last week or so the improvement has been limited mainly to a stiffening of tone.

LARD.—No. 1, 9¼c. per pound; No. 2, 8½c.

OLEO.—No. 2, 8½c. per pound.

TALLOW.—Acidless, 8¼c. per pound, tanks; 9¼c., drums, less than car lots.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Flaxseed Crop Outlook at July 1

The Department of Agriculture estimate of July 1 of the 1936 flaxseed yield is 9,468,000 bushels. This compares with an estimate at this time last year of 14,499,000 bushels and a final production last season of 14,123,000 bushels. The estimated acreage for harvest in 1936 is 1,698,000 acres, a decrease of about 16 percent from the 2,014,000 acres harvested in 1935. Weather conditions thus far this season have been very favorable, and there has been heavy abandonment of the planted acreage, which approximated 2,400,000 acres.

Details of the July 1 estimate with respect to the several producing states follow:—

	Acreage— Revised. 1935.	1936.	Condition— July 1. Percent. 10-yr. av. 1923-32.	1936.	Production, bushels— Average (Unrevised) 1928-32.	Revised. 1935.	Forecast from condition July 1. 1936.
Michigan	9,000	9,000	..	73	38,000	99,000	90,000
Wisconsin	6,000	6,000	85	76	79,000	66,000	66,000
Minnesota	677,000	779,000	81	67	6,040,000	6,432,000	5,842,000
Iowa	18,000	16,000	88	82	178,000	171,000	136,000
Missouri	5,000	5,000	82	61	12,000	10,000	18,000
North Dakota	932,000	699,000	75	36	5,944,000	5,126,000	2,097,000
South Dakota	190,000	59,000	78	41	2,170,000	950,000	177,000
Nebraska	4,000	2,000	83	40	79,000	28,000	6,000
Kansas	58,000	44,000	81	57	241,000	348,000	198,000
Montana	76,000	35,000	76	38	1,149,000	319,000	105,000
Wyoming	1,000	1,000	82	40	74,000	4,000	2,000
California	38,000	43,000	..	78	.....	570,000	731,000
United States	2,014,000	1,698,000	77.6	55.8	15,996,000	14,123,000	9,468,000

Fish Oils

Cod.—The market had a firmer tone. The situation abroad continued firm and quotations here were 1c. to 2c. per gallon higher with the figures more or less nominal. Newfoundland oil was as scarce as ever and there was no increase in offerings of other descriptions.

Menhaden. — Quotations were 2-10c. per pound by refiners. Demand lacked snap but there was an increase in the volume of inquiries for moderate quantities, buying interest being stimulated by developments in the markets for other oils and fats. Reports in regard to fishing operations showed little change, the results thus far still being below expectations. Business was reported to have been closed recently at 25c. per gallon and that was a nominal quotation last week.

Sardine.—Transactions in crude were reported at 30c. per gallon in tank cars, Pacific Coast, and that figure continued to be quoted. Refined oil was more active and firmer with quotations 2-10c. per pound higher.

Markets at Other Centers

San Francisco, July 13.—A series of price rises ranging upwards to a total of two cents per gallon entered the California and Oregon fish oils market last week as large buyers made the trade here hum with orders on new crop oil. By the end of the week rather heavy commitments had been made, with the result that some 300 tankcars were reported to have gone into contract for delivery as the oil is produced, bringing the present total of oil so far sold to a fair percentage of the expected yield this season. Oil last week sold through a 28 to 30-cent range, after which buyers withdrew and requested more oil at a price below the top figure. Sellers, however, held firm and today indicate they will not do business below the 30-cent figure.

With legalized fishing for sardines scheduled for the first of August, California shore plants have as yet to learn what they are going to be allowed in the way of fish tonnage permits for the new season. A meeting of the Fish & Game Commission, scheduled for July 11, was postponed to a later date—probably the 15th, but word from that body today was to the effect that sardine reduction permits will not be discussed at that time. However, it is expected that oil operations will nonetheless get under way shortly after the disappearance of the full moon the early part of August with floating reduction plants at work and cannery offal processing in shore plants.

Reports on the Oregon situation say that fishing has not really developed there as yet. Some small catches have been brought in, but for the main part the plants are not particularly busy. Alaska herring fishing, after a good start, has progressed slowly lately, it is said.

Ruling prices are:—

SARDINE.—New season California and Oregon sardine oil quoted at 30c. per gallon in tankcars, f.o.b. production point. Old crop, spot material, nominal. Biologically tested oil for poultry feeding quoted at 50c. per gallon in drums.

HERRING.—Alaska herring oil nominal.

SALMON.—Northwest salmon oil nominal.

Baltimore, July 15.—As has happened at odd times before, the deadlock in the market for menhaden fish oil was broken the latter part of last week, when from ten to fifteen tanks of this commodity were sold at 25 cents a gallon. This is considerably under the figure received by the fish-factories in the previous trading, but exceeds the quotations tentatively or indirectly given out by the buyers. It had been indicated that the users of fish oil might be willing to pay 20 or even 22 cents, and some oil had been offered at 23 cents on the Carolina coast, or about a 25-cent level at Baltimore; but potential buyers had refused to take up such stocks, and a sort of deadlock ensued. The price realized on the latest transactions is rather better than had been expected in some quarters, but not so attractive as the producers desired. For the time being the oil offered for sale has been exhausted, and whether additional supplies can be obtained on the same basis is uncertain. At any rate, the fishing companies feel that with the catch of fish as it has been of late, it will be well for them to wait before taking on any additional commitments. The price of refined oil ranges accordingly.

Chicago, July 17.—The fish oil market has been extremely quiet, with the tone steady.

COD.—Newfoundland, 40c. to 41c. per gallon.

MENHADEN.—East Coast, 30c. to 32c. per gallon.

SARDINE.—Pacific Coast, 29c. to 30c. per gallon.

SALMON.—Pacific Coast, sellers' tanks, 31c. to 32c. per gallon, sellers' tanks.

(Continued on page 58)

P. & G.'s $4,700,000 Melon

Shareholders of the Procter & Gamble Company, Cincinnati, will split a melon of more than $4,700,000 as a result of the directors' action July 13 when they declared an extra dividend equaling the regular quarterly payment. The board voted an extra 37½ cents and the regular 37½ cents, both payable August 15 to holders of record July 24. The company has 6,325,087 common shares outstanding. An extra dividend of 25 cents was paid in September last year, and an extra 20 cents in December, 1934.

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Drugs, Fine Chemicals

Glycerin Refiners Raise Quotations Sharply When Forced to Pay High Prices for Crude—Citric Acid and Citrates Down—Menthol and Quicksilver Lower

Price activity was more prominent last week than it had been for some time in the market for drugs and fine chemicals. Prominent developments included sharp advances in the prices on all kinds of glycerin; a further rise in the quotations on milk powder; and lower quotations on citric acid, potash and soda citrate, menthol, quicksilver, diamylamine. Practically all other items in the market were noted for being steady in price and subject to a very good, seasonal demand. The call for photographic chemicals was especially good.

The situation in glycerin was acute. Some refiners seemed to have sold substantial quantities of glycerin at prices based on the hope of getting sufficient raw material through recoveries from soap manufacture. The raw material was not forthcoming and such refiners were compelled to enter the open market and to pay sharp premiums for deliveries of soaplye and saponification glycerin in order to meet their contract commitments on refined glycerin. The market was strong. Prices on refined glycerin were still below parity with the cost of crude material and further advances are likely to take place if refined is to sell and yield a profit to the makers.

The higher prices on milk powder had been expected and were in line with the rise in quotations on all milk products. Drought and excessive temperatures throughout the country have cut milk supplies and increased demand sharply. Further increases in prices were talked of last week.

Despite the fact that this is the leading season of demand for citric acid, and irrespective of the fact that business has been good, quotations named last week established a new low record for prices. The decline in quotations on the citrates was a sympathetic movement.

Menthol was dull and competition brought sales in jobbing quantities at prices shading previous open market quotations. Quicksilver was in poor demand and competition brought out somewhat lower quotations without the reduction affecting quotations on mercurials. Quinine was in very good demand at firm prices. Alcohol was steady. Grain alcohol strengthened in accordance with the rise in the prices on corn, a development caused by drought and high temperatures that have damaged the crop.

Acid, Citric.—Prices on citric acid were reduced 1c. per pound, creating new market values as follows: Crystals and granular, 26c. per pound; powder, 26½c.; anhydrous, granular 29c.; powder, 29½c. Deliveries in kegs were made at an advance of ½c. over the above prices and all prices were subject to an advance of ½c. covering deliveries at Chicago or St. Louis.

Acid, Gallic.—Business was somewhat routine in character but it had a steady quality that was reflected in the well stabilized prices that prevailed on the spot.

Acid, Phosphoric.—Interest has increased along with the development of seasonal conditions that were propitious for a good sized consumption of this acidifier. Prices ruled in steady fashion at all times.

Acid, Tartaric.—The seasonal flow of orders came in good sized volume and the market kept a very firm undertone last week. Hot weather has raised the requirements of the beverage makers and hence the market was active and firm throughout the past week.

Agar Agar.—Although the market lacked further advance, it remained very firm and the tendency was still upward. All cables from the source reported firm prices, absence of excessive stocks, and an excellent export demand, especially from European centers.

Albumen, Vegetable.—The producer of edible vegetable albumen was said to be sold up and unable to accept further business at this time. Hence, the market appeared to be in nominal position at 65c. per pound.

Alcohol.—The market was steady. Actual consumption was conservative but the outlook for the future was said to be fairly good. Grain alcohol was in particularly firm position, this for the reason that the corn crop has been severely damaged by drought and excessive heat. Prices for corn have been advanced substantially and each rise increases the production cost of alcohol made from that grain. Producers of denatured alcohol feel that prices are on the low side and hope to prevent any further recession in values.

Bismuth Metal and Salts.—Business had a steady quality that was based mainly on a routine movement into consumption in volume about normal for the group at this time of the year. Metal appeared to be in steady position with consuming demand taking up output steadily.

Borax.—Contract withdrawals were said to be very good and consumers were taking tenders more or less promptly as made. The market had a very steady undertone and prices were considered to be firm and well stabilized.

Bromine and Bromides.—While competition for business in bromide was said to be fairly active, such a condition has not reacted on the price structure of late. Also, seasonable consumption was said to be good, especially from the photographic material trades.

Brucine.—Although consuming interest in this item was more or less limited, the market seemed to have a fairly steady tone and so far as could be learned, the market as quoted was not subject to shading.

Cadmium Metal and Salts.—Demand changed very little. Buyers came to the spot steadily for normal supplies and created a fair-sized volume of trade. Prices appeared to be very steady at all times. Metal was distinctly firm as quoted.

Caffeine.—Very good demand was reported. Consumption has expanded somewhat and an active and very steady market developed along lines that were entirely seasonal in character. Prices were well maintained at all times.

Calomel.—Prices held unchanged but the market was competitive and was also being affected by the recent, though comparatively small, reductions in the cost of raw material. Demand was along normal lines.

Castor Oil.—The market was steady. While consumption was not all that might be desired, volume of business was still fair and has shown some improvement of late. Prices were said to be fairly well established. Practically all oil is being made from South American beans, the cost of which is below the produce of India.

CHICAGO, July 16.—The castor oil market continues to be a steady one, unchanged in price. Tone is good, with the trade taking comparatively good quantities at this time. Stocks are in rather good shape, it is reported. Ruling prices are:—No. 1, drums, car lots, 10⅞c. per pound; drums, less than car lots, 12c.; barrels, car

Price Changes

Prices were changed during the past week as follows:—

Advanced

Glycerin, C. P., 1c. per lb.
dynamite, 1c. per lb.
saponification, 2¾c. per lb.
soaplye, 2¾c. per lb.
Milk powder, skimmed, 1c. per lb.
unskimmed, 1½c. per lb.
Silver bullion, London, ⅛ pence per oz.

Reduced

Citric acid, 1c. per lb.
Diamylamine, 25c. per lb.
Menthol, 5c. per lb.
Potash citrate, 1c. per lb.
Quicksilver, 50c. per flask.
Soda nitrate, 1c. per lb.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
178.9	179.1	178.8	184.8

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

lots, 11⅛c.; barrels, less than car lots, 12¼c.; five-gallon tins, 13¼c.; one-gallon tins, 15¼c.; No. 3, drums, car lots, 10⅜c., drums, car lots, drums, less than car lots, 11⅛c.; barrels, car lots, 10⅝c.; barrels, less than car lots, 11¾c.

Corn Syrup.—Further and very substantial advances in the cost of raw material took place last week. Damage to the corn crop has been heavy as the result of drought and heat, the latter holding at very high temperatures in the producing States. Further rise in corn syrup prices was expected, pending which sellers have practically withdrawn from the market.

Glycerin.—All efforts to hold prices on glycerin in stabilized position went by the board last week. An advance that was quite the most severe for a number of years took place. The rise was 1c. per pound. Based on the cost of production prevailing for a long time, the new prices reached last week would have been warranted some time ago. Further advances in prices on refined must come if the quotation is to be brought into proper parity with the cost of crude material. The new schedule was as follows:—C.P., drums, car lots, 15½c. per pound; less than car lots, 16c.; cans, less than car lots, 17½c. to 18½c.; dynamite, drums, car lots, 15½c.; less than car lots, 16c.; yellow distilled, drums, car lots, 15⅜c.; less than car lots, 15⅞c.; soaplye, 13c. to 14c.; saponification, 14c. to 15c. per pound.

CHICAGO, July 16.—The advance of 1 cent in c.p. glycerin prices, while it has had the effect of creating some excitement in certain quarters, is expected to prove an influence for reducing the complexity of the general glycering situation. Contract orders are coming in well. Other grades are strong. Ruling prices are:—C.p., drums, car lots, 15½c. per pound; drums, less than car lots, 16c.; cans, less than car lots, 17½c. to 18½c., according to quantity; dynamite, car lots, 15½c.; less than car lots, 16c.; soaplye, 12c. to 12½c.; yellow distilled, drums, car lots, 15⅜c.; drums, less than car lots, 15⅞c.

Hydrogen Peroxide.—An exceptionally good demand ruled in the market for this item. Some quarters said that shipments to buyers increased during the past week. Prices seemed to be somewhat firmer.

Hydroquinone.—Call for this article was in good volume. The business has shown its usual seasonal gain and the improvement in sales has taken place in company with a firming up in market quotations.

Iodine and Iodides.—Potash iodide moved in good volume in a quite competitive market. Prices lacked change. No change was made in the cost of crude iodine, the price being already at a level believed to be record low for the material. Tincture of iodine was in excellent request, the call being seasonal.

Menthol.—The market was lower at $3.15 to $3.25 per pound, though not all sellers were quoting the minimum end of the range. Demand was narrow and consisted mainly of jobbing requirements of the smaller consumers.

Milk Powder.—Drought and heat have cut the supply of raw material and have brought out a further advance in quotations on this item. The new schedule was as follows:—Skimmed, roller, car lots, 9¾c. per pound; less than car lots, 10¾c.; spray, car lots, 10½c.; less than car lots, 11½c.; unskimmed, roller or spray, car lots, 19c.; less than car lots, 20c.

Potash Citrate.—A decline in prices on citric acid caused a drop in quotations on potash citrate. The new quotations were 36c. per pound in barrels; kegs, 37c.; 50-pound cans, 38c.; 25-pound cans, in 50-pound lots, 37c.

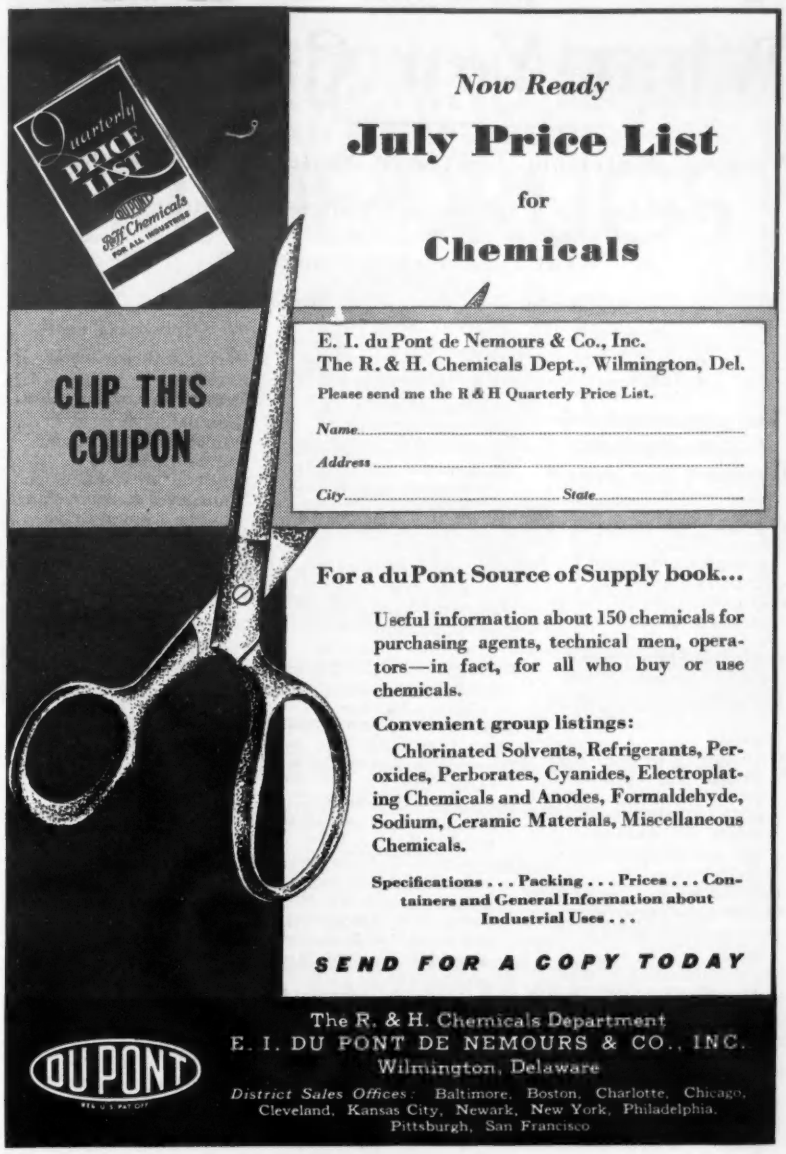
Quicksilver.—Quotations were slightly lower at $73.50 to $74.50 per flask because of the not very active demand for the article at this time. Competition was said to have increased substantially and at the moment, conditions favored buyers in practically all respects.

SAN FRANCISCO, July 13.—Some aspects of the quicksilver market appear easier at this conjuncture. Sellers here state sales have been slow lately insofar as their connections in the New York market are concerned. Metal has been reported to have moved at some price concessions lately, although sellers here are for the most part maintaining their open quotation of $74.50 per flask in 100-flask lots, New York basis. Quoted 65c. per flask lower for San Francisco delivery.

Silver Nitrate.—The schedule of prices since the last reported prevailed at the following, covering quantities of 100 ounces; small lots cost from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices for bullion in New York and London are also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	32⅝	44¾	19⅞
Monday	32⅝	44¾	19⅞
Tuesday	32⅝	44¾	19⅝
Wednesday	32⅝	44¾	19¾
Thursday	32⅝	44¾	19⅞
Friday	32⅝	44¾	19⅝

(Continued on page 42)



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(Continued from July 13 issue)

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Orthotoluidin
Orthotolylbiguanidin
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Parabenzoquinone dichloride
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Paranitroarylthio derivatives of sulphur chloride
Paranitrophenyl sulphur chloride and dibutylamine
Paranitrophenyl-sulphur chloride and ethylaminemethylthiocresol with normal chloropiperidin
Paranitrophenyl-sulphur chloride and normal chlorodibutylamine
Paranitrophenyl-sulphur chloride and normal chlorodimethylamine
Paranitrophenyl-sulphur chloride and methylbenzylamine
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Paranitrosophenol
Para-normal-dimethylaminothiocarbanilide
Paraparadiaminodiphenylmethane
Paraparadiaminodiphenylmethane salts
Paraphenylenediamine
Paraphenylenediamine bisulphide
Paraphenylenediamine salts
Paratoluidin
Paratoluidin-formaldehyde condensation product
Parazone
Pentamethylenediamine
Perthiocarbonates
Phenacylidene esters of diethyldithiocarbamic acid
Phenacylidene esters of dimethyldithiocarbamic acid
Phenex
Phenol
Phenylaminoimidazolin
Phenylbetanaphthylamine
Phenylcarbamylmethyl-1-benzothiazyl sulphide
Phenylhydrazin
Phenylorthotolylguanidin
Phenylmethylaminoimidazolin, normal
Phosphin in which phosphorous is joined to three nitrogen atoms of the same or different secondary amino groups
Phosphorous tridi-isopropyldithiophosphate
Phosphorous trisulphide and magnesium oxide
Phthalyl chloride and mercaptoarylthiazole derivatives
Phthalyl chloride reaction product with piperidin
Piperidin
Piperidine carbon bisulphide
Piperidin and metal oxides
Piperidin organic salts
Piperidine pentamethylenedithiocarbamate
Piperidine pentamethylenedithiocarbamate and sulphur chloride
Piperidin and phosphorous trichloride
Piperidin piperidyldithiocarbamate
Piperidin-s-diphenylguanidin and orthotolyl biguanide
Piperidin-s-diphenylguanidin and orthotolyl biguanide with ethylaminemethylthiocresol and normal chloropiperidin
Piperidinurea
Piperidyl dithiocarbamidate
Piperidyl dithiocarbamidate carbon bisulphide
Piperidyl dithiocarbamidate urea
Piperidyldichlorophosphin
Piperidyldichlorophosphin and mercaptobenzothiazole
Piperidyldisulphophosphin
Pipsol
Plastone
Polybutylidinanilin
Polyheptylidinanilin
Polymethylene ammonium salts
Polynitrobenzothiazole sulphide
Potassium amylxanthogenate
Potassium butyrate
Potassium butylheptyldithiocarbamate
Potassiumbutylhexyldithiocarbamate
Potassium dibutyldithiocarbamate
Potassium dihexyldithiocarbamate
Potassium dipentadithiocarbamate
Potassium ethylxanthogenate
Potassium glycerophosphate
Potassium hydroxide and glycerin
Potassium hydroxide and glycol
Potassium heptyl-(5:5'-dimethylhexyl)-dithiocarbamate
Potassium pentamethylenedithiocarbamate
Potassium phenolate
Potassium salt of dithiofuroicacetic acid
Potassium salt of mercaptobenzothiazole
Products from the partial or complete hydrogenation of aromatic amines and their derivatives
Products from the partial or complete hydrogenation of aromatic alkylaryl amines and their derivatives
Products from the partial or complete hydrogenation of aromatic aryl amines and their derivatives
Propionaldehydeanilin
Propionaldehydeethylamine
Propionic acid
Pyrrolidin
Pyrrolidin carbon bisulphide
Pyrrolidinurea
Pyridin
Pyridin and metal oxide
Quinolin
Quinoidin
Quinoidin borate
Quinone compounds containing a halogen joined to the quinone ring
R-2
R & H 40
R & H 50
R & H 397
Reaction product of—
Aliphatic aldehydeamines with halogen substituted toluene derivatives
6-Aminothiazole with alphanaphthylamine
6-Aminothiazole with amines
6-Aminothiazole with anilin
6-Aminothiazole with betanaphthylamine
6-Aminothiazole with betanaphthylamine further reacted with acetic anhydride
6-Aminothiazole with betanaphthylamine further reacted with crotonaldehyde
6-Aminothiazole with betanaphthylamine further reacted with formaldehyde
6-Aminothiazole with betanaphthylamine further reacted with furfural
6-Aminothiazole with butylcyclohexylamine
6-Aminothiazole with butyraldehydepropylamine
6-Aminothiazole with butylparaminodimethylanilin
6-Aminothiazole with crotonaldehydeanilin
6-Aminothiazole with cyclohexylanilin
6-Aminothiazole with cyclohexylbenzylamine
6-Aminothiazole with 2:5-dichloroanilin
6-Aminothiazole with ethylcyclohexylamine
6-Aminothiazole with formaldehydebetanaphthylamine
6-Aminothiazole with isopropylcyclohexylamine
6-Aminothiazole with methylcyclohexylamine
6-Aminothiazole with orthochloroanilin
6-Aminothiazole with orthotoluidin
6-Aminothiazole with parachloroanilin
6-Aminothiazole with paratoluidin
6-Aminothiazole with paraxylidin
6-Aminothiazole with primary aromatic amines
Anilin and butyl aldehyde in the presence of acidic material, such as zinc chloride
Alphanaphthylamine with 6-aminothiazole
Alphanaphthylamine with 5-chlorothiazole
Alphanaphthylamine with 6-chlorothiazole
Alphanaphthylamine with mercaptobenzothiazole
Alphanaphthylamine with 1-mercaptobenzothiazole
Alphanaphthylamine with 2-mercaptobenzothiazole

(To be continued)

HALIBUT LIVER OIL

Finest Medicinal Grade

PLAIN OR FORTIFIED

Biologically Assayed for Vitamin A and D

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S. B. PENICK & COMPANY
Medicinal Liver Oil Department
132 NASSAU STREET, NEW YORK
1228 WEST KINZIE STREET, CHICAGO
THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Drugs, Fine Chemicals

(Continued from page 41)

Soda Citrate.—Lower cost of citric acid, established last week, resulted in a reduction in quotations on soda citrate. The new schedule was as follows:—U.S.P. 8th, barrels, 22c. per pound; kegs, 23c.; 50-pound cans, 24c.; 25-pound cans, 27c.; 25-pound cans, 50-pound lots, 26c. U.S.P. 11th, barrels, 28½c.; kegs, 29½c.; 50-pound cans, 30½c.; 25-pound cans, 33½c.; 25-pound cans, 50-pound lots, 32½c.; U.S.P. 11th, powder, ½c. advance over prices on granular.

Abbott Eastern Salesmen Meet

All salesmen for Abbott Laboratories, Inc., North Chicago, Ill., covering territories from Maine to Florida and as far west as Pittsburgh attended a sales conference in the Roosevelt hotel, this city, July 17 and 18. Sales, advertising, and promotive plans for the second half of 1936 were presented. R. E. Horn, general sales manager, presided. Executives from home office who attended were S. DeWitt Clough, president; R. M. Cain, vice-president; J. F. Stiles, treasurer; Dr. J. F. Biehn, director of clinical department; H. S. Drake, assistant sales manager; D. D. Stiles and A. D. Brush of the sales department; Charles Lanwermeyer, of the research department; E. M. Schriner of the advertising department. Reports given at the meeting indicated that the company had had in the first six months of this year the best sales and profits in its history.

Wulffleff Is A.H.P. Treasurer

W. H. Wulffleff, who had been secretary of the corporation for a number of years, has been elected to succeed the late John F. Murray as treasurer of the American Home Products Corporation, large holding company in the packaged medicine and cosmetic field. Randall Nauman, comptroller and assistant treasurer of the corporation, has been given in addition the office of secretary.

Montezuma Oil Company has filed articles of incorporation under the laws of California with capital of 1,000,000 shares of $1 par.

Seaboard Terminals Sues Oil Group for $6,000,000

Standard Oil Company of New Jersey and the American Oil Company were named in a complaint filed in Federal Court last week by the Seaboard Terminals Corporation and its subsidiary, the Seaboard-Midland Petroleum Company. The suit, originally filed against the Socony-Vacuum Oil Company, and which now involves the New Jersey company and the American Oil Company, alleges conspiracy and violations of the Sherman and Clayton antitrust laws. The Seaboard companies seek $6,000,000 damages.

The complaint states that when the Socony-Vacuum Company purchased the General Petroleum Corporation in 1926, it forced the Seaboard company to enter into a contract with General Petroleum, to replace an earlier contract that Seaboard had with General prior to the purchase of the company by Socony-Vacuum. This contract stipulated that Seaboard was to buy 25,000,000 gallons of Gulf fields gasoline and 50,000,000 gallons of California motor fuel. The Gulf oil was to be purchased for not less than 7½ cents per gallon. Later, during the course of this agreement, the Gulf gasoline market declined considerably below the agreed price. Seaboard contends that in order to nullify the part of the contract involving the Gulf oil it was forced to relinquish 10,000,000 gallons out of the 50,000,000 gallons of gasoline from the California area, which it was to purchase under the same agreement. Finally, when this contract expired, the Socony-Vacuum company caused the General Petroleum Corporation to cease further deliveries of oil to the Seaboard companies. The complainant states it was instrumental in popularizing California gasoline on the Atlantic seaboard, and that it was further damaged by conspiracy and price-fixing on the part of Socony, Standard Oil of New Jersey and American Oil in an effort to keep the Seaboard companies out of the eastern market.

Drexel & Co., manufacturer of cosmetics, Baltimore, has moved from 301 West Biddle street to larger quarters on the first floor of 1608 E. Fairmount avenue, that city.

Botanical Drugs, Gums

Crop Reports Continue Adverse—Normal Production of Wahoo, Cascara, Golden Seal, Peppermint and Spearmint Doubtful —Buchu, Colocynth, and Pale Rose Buds Advance

The basic position of the market for botanical drugs appeared to be one of substantial strength. Conditions prevailing at the centers of supply have not been propitious as regards the growing crop and the outlook was for a total supply of domestic botanicals—and foreign ones, too, to a considerable extent—that would not do much more than meet world consuming requirements. The result was that the botanical market as a whole was a basically firm affair last week and special strength was noted in a number of materials. The prevailing conditions did not suggest general downward trend in prices on new production this year.

In the domestic primary market centers, drought and heat have been adverse factors in preventing normal growth of plant life. Medicinal plants have been stunted to a considerable extent thus far and it will require plenty of moisture and proper temperatures for the growing crops to recover and make a normal growth. Special mention should be made of the much firmer position of mandrake root, lobelia, spearmint and peppermint herbs, and of cascara sagrada and wahoo barks. Golden seal was also very strong at a sharp advance, this, however, being the result of neglected cultivation. The position of senega was indeterminate though normal declines in price have yet to come to the market.

Foreign botanicals noted for strength last week included buchu leaves, colocynth pulp, manna flake, and pale rose buds. All sold at higher spot levels and all cost more money in the respective primary markets. More stringent foreign control of prices and stocks of cinchona bark was noted and prices were stronger. Cape aloe came in for an advance to cover replacement cost.

Some foreign botanicals were easier and lower, these including Sumatra benzoin, buckthorn and cociliana barks, ipecac root, mullein flowers, and powdered papain. Peru balsam was also lower and fleaseed sold at a decline.

Demand for botanicals in general was about normal for this season. In fact, some reports indicated that the call was somewhat better than might be expected. The steady flow of stocks into consumption was added strength in a market already noted for firmness in market undertones, uncertainty as to crops, and upward tendency in many prices.

Entries of botanicals at the port of New York since the week of January 1, 1936, and detentions of these seeds by the Department of Agriculture because of the presence of matter rendering the seeds unfit for human consumption, were:—

	Bags	
	Detained.	Entered.
Anise	1,576	2,175
Caraway	4,233	12,397
Cardamom (cases)	140	1,493
Celery	95	1,848
Coriander	1,438	5,251
Cumin	100	3,075
Dill	55	231
Fennel	180	417
Mustard	...	11,315
Poppy	...	13,247
Sage leaves (bales)	52	77
Sesame	121	174,203
Thyme herb (bales)	102	365
Totals	8,197	225,594

Price Changes

Prices were changed during the past week as follows:—

Advanced

Aloe, Cape, 5c. per lb.
Buchu leaves, 5c. per lb.
Colocynth pulp, 10c. per lb.
Celery seed, French, 2¼c. per lb.
India, ½c. per lb.
Cinnamon, Ceylon, No. 2, 1c. per lb.
No. 3, ⅝c. per lb.
Clove, Madagascar, ¼c. per lb.
Zanzibar, ½c. per lb.
Lobelia herb, 1c. per lb.
Golden seal, whole, 25c. per lb.
powdered, 25c. per lb.
Lycopodium, 10c. per lb.
Manna flake, large, 4c. per lb.
small, 4c. per lb.
Pimento, ½c. per lb.
Rose buds, pale, 4c. per lb.
Sandarac gum, 2½c. per lb.
Spearmint herb, 1c. per lb.

Reduced

Benzoin, Sumatra, 1c. per lb.
Buckthorn bark, ½c. per lb.
Canary seed, Morocco, ¼c. per lb.
Cocillana bark, 1c. per lb.
Clover tops, 1c. per lb.
Cannabis, 1c. per lb.
Fleaseed, French, ½c. per lb.
India, ¼c. per lb.
Ipecac, 8c. per lb.
Lupulin, 25c. per lb.
Lavender, extra select, 10c. per lb.
ordinary, 10c. per lb.
Mullein flowers, 5c. per lb.
Pepper, white, Java Muntok, ¼c. per lb.
Singapore Muntok, ¼c. per lb.
red, chillies, Japanese, ¼c. per lb.
Papain, powdered, 5c. per lb.
Prickly ash bark, 1c. per lb.
Peru balsam, 5c. per lb.
Rue herb, 1c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
111.7	109.4	107.7	86.2

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Copaiba.—The tendency of prices seemed to be still toward somewhat higher levels because of the increased strength noted in the replacement market. Local quotations lacked open change but sellers were conservative in the matter of accepting large orders.

Peru.—Competition was once more to the fore on the spot. Sales were made at $1.05 per pound, and the range as to seller was to $1.10. Business was not very active.

Barks

Buckthorn.—This item was revalued to the basis of 4c. to 5c. per pound as the result of changes caused by inventory position of some sellers.

Cascara Sagrada.—Further information from the primary market kept the recent conflict in opinion at the source to the fore. Some Pacific Coast sellers declared positively that collection would be even smaller than the conservative peel of last year. Others said a normal peel would be produced. It seemed probable that there had been some short selling at the source and from such quarters the report of normal peel was received. Local opinion favored the view that the peel was unlikely to exceed the very small one of last year. Carryover will be hardly more than four or five cars, as compared with 75 cars often held over from the previous crop.

Cinchona.—News of a firmer market and stronger prices seemed to be backed by the added information that the Dutch factors in the article were in full control of available supplies and were refusing to accept bids under their ideas of values.

Cociliana.—Although the decline in prices had run rather far, sales were noted at a further concession last week, business being reported done at 20c. to 21c. per pound according to seller and quantity. Competition has been keen for some time past.

Prickly Ash.—The market has not been very active for some time past. A few inquiries reached some sellers last week through brokers and the last report was that sales have been made at the slightly lower figure of 12c. to 13c. per pound, done as to seller.

Soap.—A very good inquiry and fair volume of sales were reported. The result was a considerably firmer market and an absence of any tendency toward competitive shading of values.

Wahoo.—Early reports concerning collection of this article indicate that conditions favor but a moderate delivery to the principal warehouses supplying the article. Values on the not very large carryover were said to be firm and spot quotations lacked any signs of unsettlement.

Beans

St. Ignatius.—A strictly jobbing business, which was also very small at the best, was done last week on the firm price basis of 45c. to 50c. per pound.

Vanilla.—Demand has been very good. Seasonal movement of stocks into consuming channels has been excellent and has contributed to the al-

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

PROFESSIONALLY HOPKINS BRAND MILLED
ANALYZED - STANDARDIZED
CRUDE DRUGS
Acacia Gum
Agar Agar
Aloes
Aniseed
Benzoin Gum
Blood Root
Buchu Leaves
Cardamon Seed
Cinchona Bark
Cinnamon Bark
Cochineal

Ergot
Ginger Root
Henna Leaves
Insect Powder
Licorice Root
Mustard Seed
Orris Root
Papain
Psyllium Seed
Tragacanth Gum
Yerba Santa
CRUDE DRUGS
J. L. HOPKINS & CO.
220 BROADWAY, NEW YORK

BOTANICAL DRUGS
PYRETHRUM PRODUCTS
GRANULATED FLOWERS
POWDERED FLOWERS
EXTRACTS
WATER SOLUBLE GUMS
ARABIC
KARAYA
TRAGACANTH
Importers and Millers for Seventy Years
MURRAY & NICKELL MFG. CO.
2612 Arthington Street - - - Chicago, Ill.

Gum Tragacanth---Gum Arabic
Importers
THURSTON & BRAIDICH, 55 Vandam St., NEW YORK

CHICLE, Mexican
F. HUBER & CO., 99 Hudson Street, NEW YORK

STABILIZED PYRETHRUM
EXTRACTS — DUSTS — PERCOLATION FLOWERS
STABILIZED ROTENONE
DERRIS — CUBE — TIMBO
WHOLE ROOT — DUST — MIXED DUSTS — EXTRACTS
Standardized for Toxic Content—
Stabilized to Prevent Loss of Killing Power
HAMMOND PAINT AND CHEMICAL CO. Beacon, N. Y.

PYRETHROL 20
A standardized and clarified pyrethrum extract. Write to us today for further information.
McCORMICK & CO., Inc.
BALTIMORE, MARYLAND
STANDARDIZED PYRETHRUM AND DERRIS PRODUCTS

CRUDE DRUGS
PEEK AND VELSOR INCORPORATED
100 GOLD ST.
NEW YORK
ESTABLISHED 1840
WAREHOUSE AND MILLS, JERSEY CITY, N.J.

CRUDE BOTANICAL DRUGS
TRADE From Forty Nations MARK

ready firm position held by all kinds of vanilla beans. Reports from abroad showed that prices were strong there and that conditions favored further rise before another crop becomes available. Spot quotations were very firm and the tendency here was also upward.

Berries

Cubeb. — Supporting demand in the already firm market was reported last week and conditions were entirely free from any signs of any change in values favorable for manufacturing consumers.

Raspberries.—Production in the primary market was not normal this year, according to some advices. At least, it can be said that prices have not shown their usual decline. Indications favored a normal consuming requirement and hence firm values were expected to continue.

Saw Palmetto.—Reports from Florida stated that blossoms on the saw palmetto palms has been extensive and that as a result, there is a possibility of the crop being a failure; in the forty years' experience of one dealer, it has never been closer to complete failure. The holdover from last crop is small and insufficient to supply the demand of former years. The tendency of prices was upward.

Flowers

Arnica.—The firmer market reported during the previous trading period continued to prevail and higher spot quotations named at that time were firmly maintained even though current demand was mostly of jobbing sort.

Chamomile.—Interest in spot offerings of Hungarian flowers continued to be very good and the market held firm. Little decline in the cost of new crop goods has taken place as yet and indications favored a steady market for the immediate future.

Clover.—Somewhat lower prices on new crop goods led to spot quotations being shaded to 11c. to 12c. per pound in some quarters during the past week. Buyers were still aloof while awaiting a normal recession in replacement costs.

Lavender.—Replacement costs were easier and spot quotations on the extra select grade were lower at 90c. per pound. Select material was held at 80c. per pound and medium to ordinary qualities ranged 40c. to 65c.

Mullein.—Quotations were down to 95c. to $1 per pound, although it was doubtful that any substantial quantity would be sold at the inside price unless there shall be a marked reduction in replacement costs named on new crop goods.

Pyrethrum. — Demand for flowers, powder, and granular material continued to be very good. The call was entirely seasonal and volume was reported to be satisfactory. Not much buying of new crop goods has taken place as yet, probably for the reason that a large supply has been forecast and hence prices still lower than the already highly favorable quotations are expected by some.

Rose.—Cables covering the market on pale buds come in consistently higher and reporting much added strength to the situation at the source. Spot quotations were raised to 20c. to 23c. per pound. Red buds remained unchanged.

Gums

Arabic.—Business was reported to be active and very good in volume. Prices were firmly maintained at the source and those quoted on spot were entirely free from competitive influences at this time. In fact, some dealers were not meeting the minimum price of 9¾c. per pound on sorts.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

Aloe. — Cape aloe was stronger and higher in all markets. The spot price went to the basis of 20c. to 21c. per pound and was backed by sustained demand for fair sized quantities. Curacao aloe was very steady at recently prevailing prices. Stocks of Cape aloe were not normal.

Asafetida.—Powder continued to be strong at the recent advance. The situation was one entirely opposed to any movement in favor of buyers, barring deliberate competition on a basis which, if any lower than 35c. per pound, was said locally not to be warranted by first cost to the producers.

Benzoin.—Sumatra gum was reduced to the basis of 15c. to 17c. per pound because of competition in a market not noted for activity for some weeks past. Siam gum remained firm and in moderate supply at full prices.

Camphor.—German synthetic camphor in all forms and sizes was available out of New York stocks at prices reported to be identical with those quoted by the domestic manufacturer. Japanese natural camphor was well held to steady position that on spot lined up with the prevailing cost to replace in the primary market. Demand was routine.

Mastic.—Replacement costs were exceptionally firm on the basis of the recent rise and spot values tended upward in keeping with the situation at the source. Stocks of gum bought prior to the advance were said to be sufficient to prevent, at this time, the full advance warranted by the primary market position.

Sandarac.—Sharp advance in replacement cost, the result of slow collection of new crop, forced spot quotations to the basis of 22c. to 22½c. per pound last week.

Herbs and Leaves

Buchu.—Prices have been advanced to 75c. to 80c. per pound and they proved to be very firm throughout the past week in keeping with the strength that continued to prevail at the source of supplies. Offerings of shipment goods were few and prices were uniformly higher and tending upward.

Cannabis.—A slightly lower price of 15c. to 16c. per pound was noted as being the result of a possibly lower cost on new crops. However, it is considered to be a bit early to forecast the probable supply to be available for the coming season.

Lobelia.—Drought has not been beneficial to the progress of the new crop and some look for a less than normal collection of the article. A study of the situation is being made. In the meantime, prices remained very firm. Prices were up to 13c. to 14c. per pound.

Rue.—A sale at 20c. to 21c. per pound was noted, this being a slightly lower value than had been offered for some time past. Demand was not very active and consisted mainly of jobbing needs.

Spearmint.—Quotations were up to the basis of 24c. to 25c. per pound. The outlook for new crop has been none too favorable and sellers have taken a generally firmer view on the material of late.

Miscellaneous

Cantharides.—The spot market was steady. Practically all the unsettlement that was productive of lower prices some time back has been eliminated from the market and the situation made generally firmer by the very fair sized sales into consuming channels.

Colocynth Pulp. — The market was substantially firmer and prices were higher at 60c. to 65c. per pound with the position being backed by very good demand.

Ergot.—Not much information has come from the primary market but such as has been received has not forecast substantially lower prices when the new crop becomes available. In fact, the situation was exceptionally sensitive to the play of demand against the very moderate stocks available in this market and strongly controlled in Spain. The local dealers were watching the situation closely and were disposed to urge caution in buying.

Lupulin. — The market has become somewhat easier and spot quotations were down to the basis of $1.25 to $1.30 per pound.

Lycopodium.—Undersupply cannot be substantially relieved at this time. The holders of the very small stocks available were very firm in their views at the higher level of $1.30 to $1.35 per pound.

Manna.—Replacement costs were firm to strong on the basis of the recent advances. Spot quotations were up slightly to the basis of 49c. to 50c. per

(Continued on page 46)

America's OWN OIL OF LEMON

OVER 75% OF ALL LEMON OIL SOLD IN U.S.A. IN 1935 WAS EXCHANGE BRAND

for every American purpose especially suited to the American taste

FROM CALIFORNIA LEMONS

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A U.S.P. OIL FOR AMERICAN USE

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DODGE & OLCOTT COMPANY 180 VARICK STREET, NEW YORK, N. Y.

Distributors for

CALIFORNIA FRUIT GROWERS EXCHANGE

Products Department, Ontario, California

Producing Plant: EXCHANGE LEMON PRODUCTS COMPANY, Corona, California

Copr., 1936, California Fruit Growers Exchange, Products Dept.

Essential Oils, Aromatic Chemicals

Lifting of League of Nations Sanctions Against Italy Tends to Strengthen Italian Oils Further—Drought and Heat Endanger Domestic Output and Cause Advances

Citrous oils, and oils produced in the United States continued to be the items most prominent in the market for essential oils during the past week. Added strength came in bergamot, lemon and orange when the lifting of League of Nations sanctions against Italy caused a resumption in world trade in citrous oils of that country. Drought and heat continued to beset domestic oils and the outlook for normal production this year was poor. French oils were firm in the replacement markets and were well maintained locally. Chinese oils continued to show price weakness and general unsettlement.

Demand for lemon and orange oils was excellent. Highly seasonable weather continued a drain on the stocks of manufactured beverages based on these oils, as well as on lime. Stocks of domestic oils were comparatively small and sellers of the same were compelled to be circumspect in accepting new business. World trade with Italy was resumed when sanctions were raised by the League of Nations. This made Italian shippers firmer in their views and made for strong prices.

Practically all offerings of peppermint oil were withdrawn in the primary market. Spot quotations soared once more and a strong market prevailed. Drought and heat have cut deeply into the crop prospect on this item. While some rains came last week, high but burning temperatures continued in the producing states. Spearmint was rather strong but a slight increase in primary market offerings was reported by some dealers here. Erigeron was unobtainable at the source and at the best the production will be very small. The position of domestic pennyroyal and tansy was not definitely disclosed weather conditions having been all against a normal growth of plants. Wormwood joined the group of domestic oils the supplies of which seem, at this time, to be destined to be reduced by the drought and heat. Wormseed was higher as stocks shrank.

Anise lacked further change but the market was easy and favorable for buyers. Cassia was reduced on the spot and also tended to move further in favor of buyers. Demand was fair most of the time.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Bergamot, 10c. per lb.
Orange, West India, 5c. per lb.
Peppermint, natural,15c. per lb.
redistilled, 15c. per lb.
Wormseed, 20c. per lb.
Wormwood, 25c. per lb.

Reduced

Cassia, 3c. per lb.

Comparative Values

Index numbers compiled from twenty typical esential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
75.0	73.2	68.7	71.8

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Amber.—Fair demand and firm prices were the rule locally last week. Demand covered all prompt requirements and a few transactions were felt to provide for more needs of the more distant future.

Anise.—Quotations were still 50c. to 55c. per pound but the market was easy and the tendency of prices was toward further decline.

Bergamot.—Prices were advanced to $2.20 to $2.50 per pound, once more emphasizing the strength of the situation abroad and the steady drive toward higher local levels. Sanctions against Italy have been lifted and some fifty or more nations have resumed trade in her citrous products.

Birch Tar.—Regular request was noted last week and the market had a firmer tone. Prices were well maintained. Stocks were still moderate. Replacements were firm.

Bois de Rose.—Replacement costs were on the firm side and spot dealers took a similar view as to their quotations on prompt delivery merchandise. Demand was steady and excellent in volume.

Cade.—Prices were steady. Demand was routine but productive of normal volume of business. Replacement costs were entirely lacking in unsettlement and hence spot values were not subject to shading.

Camphor.—Replacements were firm at the source and the spot position of the material lacked the unsettlement that ruled not so long ago. Prices seemed to be better maintained and demand was of assistance in that respect.

Cassia.—Quotations were reduced to 92c. to 95c. per pound, this movement being in line with the recent declining market at the source. The local market was as competitive as ever and conditions favored buyers with business in hand.

Cedarleaf.—The market was still undersupplied with merchandise and hence prices were possibly stronger than the current volume of demand would maintain were stocks normal. A return of the usual reserve supply must await new production.

Celery.—Cables showed raw material to have developed a sudden surge of strength. Prices were much higher and offerings were few. Oil was firmer but lack of pressing demand kept prices unchanged.

Coriander.—Stocks continued to be small and were likely so to remain for a considerable period of time; at least, until new production may come on the foreign markets. Spot quotations were strong and any expansion in trading would probably force them higher.

Dill.—Preparations against the coming needs of the pickle makers were in evidence. Inquiry was noted and potential buyers found price views of the local trade distinctly on the firm side. Much uncertainty concerning probable domestic production of weed oil was noted and was caused by the drought and heat in the primary market.

Erigeron.—Many dealers were without a spot supply and the primary market failed to offer very much. With conditions being adverse to a normal production, a period of subnormal supply and probably higher prices seemed to spread ahead.

Eucalyptus.—Replacements were firm and were expected so to remain unless supplies shall be substantially increased. Spot holdings are moderate but sufficient to meet the current call. Prices here were very steady and demand thereat was about normal.

Geranium.—All replacement costs were firm and maintained at the recent and several advances. Spot conditions were on the side of considerable strength and demand was sufficient to give added support to the market prevailing.

Ginger.—Raw material seemed to have become somewhat more stable in price and last week ruled steadily. Oil was steady in price and moved readily into consumption at a fair sized volume.

Hemlock.—Prices were advanced no further but they were strong, being based on a reduced stock and the inability of dealers to replace substantially until new production shall come on the market.

Lavender.—All conditions point to an undersupply of pure oil and a continuation of virtually nominal prices on such material. The tendency has been to move substitutes into consuming channels. Prices for any sort of lavender oil were exceptionally firm and demand was very good.

Lemon.—Sanctions applied by members of the League of Nations against Italy have been lifted and hence world demand for Italian lemon oil returns as a market factor on prices for the

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future. Severe advances of late have forecast this development. Last week, demand was excellent and prices remained strong.

Lemongrass.—Movement was moderate in volume but values prevailing seemed to be slightly firmer than they had been. At that, the market was still low in price and placed distinctly in favor of buyers with orders to place.

Lime.—Highly seasonable weather conditions have raised consumption of lime beverages and accounted for the excellent consumption prevailing in the market and which was covered on the basis of exceptionally firm prices. Stocks were moderate. Replacements were firm.

Orange.—Demand was excellent. Seasonable weather raised sales to satisfactory levels and kept prices strong. West India oil was higher at $2.30 to $2.35 per pound. League of Nations sanctions against Italy have been lifted and world trade in her orange oil resumed. Replacement costs were strongly maintained everywhere.

Pennyroyal.—Outlook concerning the next crop of domestic pennyroyal has been made uncertain by drought and heat in the primary market. Not a great deal of oil is being carried over into the new season but what is available was in very firm price position last week.

Peppermint.—Primary market offerings were entirely absent. Nominal quotations reputed to be the market there were higher. Spot prices were advanced to $2.50 to $2.75 per pound on natural oil and the redistilled article was up to $2.75 to $3. All news concerning growing crop was adverse.

Spearmint.—Prices lacked further advance but they were strong at $1.85 to $1.90 per pound, although some dealers said that slightly more oil had been offered from the source than had been the common experience of late.

Tansy. — Drought and heat have threatened a normal production of this article and hence the prices were strong in keeping with the limited carryover available here and at the source. Demand was negligible.

Wormseed.—Quotations were advanced to $2.05 to $2.30 per pound on oil of unquestioned quality. Some oil was said to be offered here at $1.95 but all dealers agreed that in view of the good demand on export account, such oil would have been taken up long ago had the quality been good.

Wormwood.—Very little oil remained unsold in the primary market. In fact, dealers here said they could get nothing. Prices on spot have been raised to $2.50 to $2.75 per pound and the outlook favored very much higher prices unless production shall be much larger than drought and heat at the source now suggest as probable.

Aromatic Chemicals

Anethol.—The market was steady in price and demand. Stocks seemed to be ample to keep a steady movement into consumption possible. The call was said to be about normal.

Benzyl Benzoate.—Very fair request was current at steady prices last week. The movement was in normal volume and contributed strength to local undertones.

Citral. — Consumption changed little, being normal and satisfactory in volume without there being any sign of an early increase in the requirements of manufacturing consumers. Prices were steady and reasonable.

Geraniol.—Routine trading was reported but the movement was regular and steady as well as being productive of a steady undertone to spot quotations named by most suppliers of the article.

Methyl Benzoate.—Interest was somewhat moderate in volume. Buyers bought close to actual requirements and the business done was sufficient to keep values to a fairly steady basis. Supply was adequate.

Methyl Salicylate. — Seasonal consumption was afoot in excellent volume and the market was active and very fine throughout the past week. Production was said to be entirely able to care for the very good request of buyers for consumption.

Musk.—Competition was fairly keen and the price situation was one entirely favorable for consumers with business to place. However, no change in openly quoted values was noted last week.

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Botanical Drugs

(Continued from page 44)

pound on large flake and 28c. to 29c. on the small variety. Demand was fair.

Papain.—Competition was very keen and prices were at what was probably an all time low for this article. Powdered was quoted at $1 to $1.05 per pound. Conditions favored buyers at all times.

Roots

Blueflag.—Limited stocks continued to keep this article to a firm and virtually nominal price position on the spot. The future will depend on the size of collection this year and at this time the outlook is not particularly favorable for a normal supply.

Gentian.—The market was firmer to stronger in anticipation of a probably larger demand for stockfood partly comprised of this material. Quotations lacked any unsettlement and the tendency, if any, seemed to be upward.

Golden Seal.—Prices were advanced to $2.60 to $2.65 per pound on whole, and to $2.80 to $2.85 on powder. A survey of the situation at the source showed that only a very small fraction of the former number of growers still had a productive planting. Low prices in the past caused many of them to abandon their enterprises entirely. Of those remaining, only a few have what was formerly their normal output. A number of years will pass before production can be returned to a basis certain to fill consuming requirements of the country.

Ipecac.—Spot prices were lower and easier at 82c. to 85c. per pound for whole and 87c. to 90c. for powder. These movements reflected a lower first cost on the merchandise.

Mandrake.—Drought and heat have cut into the crop of this article. Spring collection was very small. Adverse weather caused tops to dry down and substantial moisture and proper heat will be required if actual consuming needs of the country are to be met by the Fall collection.

Valerian.—A deal of stability has come to the market for this material notwithstanding the fact that a new crop is coming along in Belgium and conditions have not been entirely unpropitious for a good sized production of the material. Prices were felt to be on the low side and that fact, coupled with the not excessive spot stock, were stabilizing elements in the market as a whole.

Seeds

Anise.—The market was inactive but prices were not affected adversely as the replacement costs were still well maintained in the primary markets.

Canary.—New crop Morocco and Turkish seed were lower for shipment. Morocco seed on spot was lowered to 7¼c. to 7½c. per pound. Argentina seed held unchanged but was not more than steady.

Cardamom. — Replacement markets continued to show strength in prices and consequently the spot quotations were well held on the basis of levels prevailing during the previous week. The advance has been so substantial that a pause in the upward movement was natural, it was said.

Celery.—Throughout the past week it was hard to get offerings from France. Shippers seemed to have withdrawn and some reports said that the harvest prospect was none too good. Spot quotations rose to 20c. to 20½c. per pound at midweek. India seed was up to 13c. to 13½c. Buyers held back while awaiting further developments.

Flea.—Prices became unsettled because of local competition. French material was noted at 8c. to 8½c. per pound and the India seed could be readily obtained at 7c. to 7½c.

Sunflower.—Production of Middlewestern sunflower seed has been made uncertain by drought and heat, though the extent of damage caused thus far is as yet not known. However, the mere prospect has caused Californian sellers to become reserved and offerings have decreased. Prices for the poultry grade of California seed were advanced here to 5½c. to 6c. per pound.

Spices

Cinnamon.—Prices on Ceylon cinnamon for shipment and on spot were advanced on adverse crop news. Local quotations on the No. 2 grade were up to the basis of 16c. to 16½c. per pound while the No. 3 was higher at 15¼c. to 15¾c. Demand gained, paralleling the higher prices.

Clove.—Quotations firmed up at a fractional advance, Madagascar clove moving to the basis of 13½c. to 14c. per pound and the Zanzibar material going to 14c. to 14½c. The primary market was firmer, too.

Nutmegs.—West India nutmegs were not advanced further but they were held to a very firm position and the market lacked any signs of recession to come at an early date. The local situation was only a reflection of the primary market position. Other varieties of nutmegs were firmer but lacked change.

Peppers.—Reduction in ocean freight has eased the import cost of Lambong pepper for about three months. White peppers were lower, Java Muntok being reported at 10¼c. to 10½c. per pound; Singapore Muntok, 10⅛c. to 10½c. Borneo and Saigon white were unchanged but prices were subject to shading. Japanese chillies were shaded to 10⅞c. to 11¼c. per pound under competition.

Pimento.—Quotations were advanced again, solely because of the strong control of supply at the source. Spot quotations moved up to 15½c. to 16c. per pound and held firm to strong threat throughout the past week.

Phenylacetaldehyde. — Business was somewhat irregular at times last week but on the whole sales were said to be in fairly satisfactory volume. Prices remained very steady in all quarters.

Phenylethyl Alcohol. — Quotations were steady to firm notwithstanding the rather moderate demand that prevailed for this material last week. Considerable firmness resulted from the absence of more than moderate supplies of the material.

Yara Yara.—This item was conventional so far as demand was concerned but very steady from the standpoint of prices. Consumption has been in fair volume thus far this year and replacement costs have been held to a virtually firm position for some time past.

Glycerin Sales Regarded As Business Barometer

A reliable "barometer" of America's progress in the manufacture of luxuries and necessities of modern civilization is afforded by the glycerin market, says N. N. Dalton, in charge of research for the Glycerine Producers' Association.

The United States is the world's largest producer and user of glycerin, Mr. Dalton reveals: with less than 10 percent of the world's population, this country produces about one-half of the world's glyerin supply. He further points out that the United States not only uses practically all its own production but has imported an average of 11,000,000 pounds annually for the last five years. Since glycerin "enters a greater variety of products and has more diversified uses than any known product of its kind," Mr. Dalton says that these figures form a good barometer of the industry progress.

G. W. Carnrick Company, Newark, N. J., was fined $200 in Federal Court in June in an action alleging interstate shipment of substandard pharmaceuticals.

McCormick Rewards Five For Meritorious Service

At a meeting of the board of directors of the McCormick Sales Company, made up of officers and representatives of McCormick & Co., spice manufacturer, Baltimore, presentations for meritorious service were made by Charles P. McCormick, president, to W. W. Durham, of Louisiana; and C. E. Leber, of North Carolina, diamond award; and R. E. Fain, of Georgia; D. S. Green, of New York, and W. F. Broderick, of Tennessee, ruby award.

Discussion of business conditions and exchange of suggestions for promoting distribution of McCormick products; election of Mr. Broderick as a member of the board; a talk by Mr. McCormick, and a dinner party in the "Tea House" on the seventh floor of the McCormick building were features of the meeting.

Other directors present, in addition to Mr. McCormick, included:—George M. Armor, vice-president; William L. Bean, secretary and treasurer; J. G. Luttrell, vice-president in charge of tea; Fred W. Ensey, vice-president in charge of advertising; Walter M. Davis, vice-president in charge of sales; Conrado de Lamar, vice-president in charge of exports; Norman C. Settle and Brooke E. Furr, comptroller; T. Wilson, of Texas; and S. W. Clayton, of California.

Petroleum Solvents, Lubricants, Fuels

Solvents and Industrial Oils Are Inactive—Prices Show Steadiness —Wax Strengthens—Gasoline Consumption Heavy—Crude Oil Flow Greater

Petroleum solvents and naphthas as well as other petroleum products used as industrial raw materials have not been favored with much demand recently. Last week's market for these products was quite dull. From all reports, the normal Summer dullness has been magnified by the extremely hot weather, particularly in the middle West. Prices for industrial petroleum derivatives were generally firm. Solvents prices were steady at the refinery points and the lone change in the retail market was an adjustment of prices for petroleum thinners at Boston and Providence. Prices were not actually changed at these points but buyers who were formerly required to purchase lots of 20,000 gallons in order to obtain the discount price can do so now by purchasing 200 gallon lots.

Scale paraffin wax is stronger. Buyers could no longer work the prices that were in force a week ago and from all indications, the price is likely to continue further upward. The fully refined waxes hold a comfortable position at the schedule that has been in force for some time.

The gasoline market holds a snug position. The heat in the West did not seem to have any effect on the consumption which continues very heavy and perhaps at record-breaking proportions. The Midcontinent gasoline market is exercising a stabilizing effect upon the prices at other refinery points.

Daily average production of crude oil in United States for the week ended July 11 was 2,947,700 barrels, an increase of 55,400 barrels over the preceding week's average of 2,892,300 barrels, according to the estimate of the American Petroleum Institute which omits any oil that might have been produced surreptitiously. The average for four weeks ended July 11 was 2,943,150 barrels and the average at this time a year ago was 2,715,100 barrels. Runs of crude oil to stills were reported at 2,684,000 barrels daily for 76.9 percent of refinery operation, and according to the data gathered by the American Petroleum Institute, 186,000 barrels additional were reported for a total daily average of 2,870,000 barrels against 2,855,000 barrels in the preceding week. Stocks of crude oil on hand July 14 totaled 310,618,000 barrels against 311,360,000 barrels on June 27, according to the Bureau of Mines.

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1936 Jan. 1-July 18	1935 Jan. 1-July 18
Commercial crude oil production	574,362,000	514,077,000
	Week ended July 18, 1936	Week ended July 20, 1935
Daily average production	2,938,000	2,721,100
	Week ended July 11, 1936	Week ended July 4, 1936
Estimated motor fuel stock total	66,646,000	*67,767,000
Estimated finished motor fuel stocks in refineries	38,384,000	*39,236,000

*Revised.

Solvents and Diluents

Petroleum solvents and naphthas at the refinery points continued in a steady position. Prices have been without change for some time now and the steadiness of quotations is the market's principal characteristic. Buyers requirements have not been very heavy during the past three weeks and the usual dullness of the Summer months seems to have been magnified by the extreme heat wave throughout the mid-West and in some sections of the East. There was an adjustment of prices for petroleum thinner in tankwagons at Boston and Providence. Prices were unchanged but buyers who formerly had to order quantities of 20,000 gallons to obtain a 1c. per gallon discount are now required to order only 200 gallons for a discount price.

Cleaners' Naphthas. — The refinery market at the Midcontinent occupies a very steady position at the long standing price basis of 7⅜c. to 7½c. per gallon, f.o.b. Group 3. The market's activity is rather light and has been so for the past few weeks.

Lacquer Diluents.—Lacquer manufacturers' takings continued rather spotty last week and the market's performance was a desultory one. Prices continue at a steady position at 8⅜c. to 8½c. per gallon, basis Group 3.

Petroleum Thinners.—The only change in the market was an adjustment in tankwagon prices at Boston and Providence. Prices are without actual change, although buyers who were formerly required to purchase 20,000 gallons in order to obtain a 12c. per gallon price are now required to order only 200-gallon lots. The posted price for quantities less than 200 gallons is 13c. per gallon, either in tankwagons or drums.

Stoddard Solvent.—In company with other petroleum solvents, this commodity holds a steady position. Prices at Midcontinent and East Coast refinery points hold at the levels that have been in force for several weeks. The demands are fair-sized and have been marked with a certain amount of spottiness during the past two or three weeks.

V. M. & P. Naphthas.—The paint trade's withdrawals are light these days. The usual dullness of the Summer months has been heightened by the extreme heat throughout the mid-West. The prices continue in a steady position.

Markets at Other Centers

Chicago, July 16.—Orders for petroleum solvents and diluents are along steady lines, with a fairly good amount of material moving out, in the aggregate, to the various consuming industries. Inquiries have been a little heavier in some cases for certain of these products. Shipments are reaching good totals. Ruling prices in tankcar lots except as noted are (tankcar prices f.o.b. Group 3 Oklahoma):—Blending naphtha, 4¾c. to 5c. per gallon; cleaners' naphtha, 7⅜c. to 7½c., tankcar, 15.5c., tankwagon; petroleum spirits, 6⅜c. to 6½c., tankcar; 16.2c., tankwagon; rubber solvent, 7⅜c. to 7½c.; lacquer diluent, 8⅜c. to 8½c.; Stoddard solvent, 6⅞c. to 7c., tankcar; 16.5c., tankwagon; v.m.&p. naphtha, 7⅜c. to 7½c., tankcar; 16.5c., tankwagon.

Tulsa, July 16.—The movement of petroleum solvents is fair while shipments appear to be of a routine nature. Quotations remain at the levels that have prevailed for the past several weeks ranging from 6⅞c. to 7⅜c. per gallon.

Lighter Fractions

The market for butanes, hexanes and other materials in the group of liquefied petroleum gases continues steady and without much in the way of new or important developments. The producers have not reported any change in prices recently and it is understood that the movements of supplies into consumption are quite routine.

Butanes.—Quotations for tankcar lots of the 16-34 degree material testing up to N. G. A. specifications, continue at the long-standing basis of 2¼c. to 3¾c. per gallon, f.o.b. Group 3. There has not been a change in the price of this article for some time.

Heptanes.—Steadiness remains as the principal characteristic of the market. Prices have not been changed for some time and the posted position of the market is held at 9c. per gallon for tanks of the mixed product and 10c. per gallon for similar quantities of the normal grade, both basis Group 3.

Pentanes.—The normal grade continues at 9c. per gallon for tankcar lots at Group 3. The laboratory article is quoted at 19c. per gallon in drum cars, also basis Group 3. Usual differentials prevail for smaller quantities.

Petrolatums and Waxes

White Mineral Oils.—The market continues dull. Usually there is very little trade in July and August. Technical grades move out of sellers' hands in routine fashion but the medicinal oils are quite slow. Prices continue in an unchanged position.

Paraffin Wax.—It is no longer possible to buy 122-124 American m.p. scale at 2.30c. per pound and the 124-126 grade at 2.35c. per pound. Sellers have advanced prices 5 points and the market is quite firm at 2.35c. and 2.40c. per pound. Some holders quote 122-124 at 2.40c. The Midcontinent market is also reported to be strengthening. Export inquiries were fairly frequent during the week but actual purchases were not heavy. Fully refined waxes continue unchanged at the levels that have been in force for some time back.

CHICAGO, July 16.—The refined wax situation continues to be the source of reports of good market conditions. Orders have been coming through with good regularity, and no generally excessive stocks are being built up, it appears. Offerings are along moderate lines. Ruling prices are:—122-124, 4.65c. to 4.75c. per pound; 125-127, 4.9c. to 5c.; 127-129, 5.05c. to 5.15c.; 130-132, bulk or bag, 5.45c. to 5.55c.; 132-134, bulk or bag, 5.7c. to 5.8c.

TULSA, July 16.—Offerings of the 124-126 scale wax by one of the largest refiners in the Midcontinent at 2⅜c. were quickly absorbed and the quotation was withdrawn. However, a few other plants are still quoting at that price. The improvement in the Pennsylvania market will probably have an effect on the local markets during the coming weeks as the supply has been reduced by one of the large plants withdrawing.

Petrolatum.—Prices steadiness continues. So far as can be learned all car lot business is being booked at the full prices of the market. The demand against contracts is fairly active but open market purchasing is light.

Fuels and Lubricants

The East Coast gasoline market was quite steady. There were a few weak spots in the retail price structure in New Jersey but otherwise the market was in good shape. The gallonage moving out of the refineries continues well proportioned and the demand is giving good support to the prices. Kerosene continues draggy. Pennsylvania lubes are steady and moving in active manner.

Tankwagon Price Changes

CONNECTICUT.—Gasoline prices were raised ½c. per gallon at Bridgeport, New Haven and Hartford, Thursday, by the Standard Oil Company of New York. The tankwagon price is now 8½c. per gallon exclusive of taxes.

NEW JERSEY.—Dealer and service station gasoline prices were reduced 1c. per gallon at Newark and ½c. per gallon at Atlantic City, July 10, by the Standard Oil Company of New Jersey. The Newark price is now 16½c. at Newark stations and 17c. per gallon at Atlantic City, including taxes.

Market Conditions

Gasoline.—The Eastern refinery market holds steady under the stabilizing influence of conditions in the Midcontinent and also because of good support from the buyers. Consumption here continues at very healthy proportions. Jobber buying was good-sized last week and conditions point to continued steadiness of prices. The retail price situation is spotted with a few weak points in the New Jersey sector but is otherwise holding evenly. Tankcar prices here are 6¾c. per gallon for U. S. motor, 62-63 octane; 7c. per gallon for U. S. motor, 65 octane; and 7.55c. per gallon for branded grades. The export gasoline market at the U. S. Gulf continues unchanged with quotations as follows:—U. S. motor, 5¼c. per gallon; 60-62, 390 e.p., 5⅜c. per gallon; 60-62, 400 e.p., 5⅜c. to 5½c. per gallon; and 64-66, 375 e.p., 5½c. per gallon.

Kerosene.—The market continued to drag along in true Summer fashion. There was little inquiry and the price situation is soft. Quotations for tankcars of 41-43 water white material continue at 4⅞c. per gallon but this figure is shadable in almost every direction. The Gulf export market continues unchanged with 3¾c. per gallon quoted for prime white and 4⅛c. to 4¼c. per gallon for the water white product.

Fuel and Gas Oils.—Quotations for C grade bunker oil to the marine trade continue unchanged at $1.05 per barrel at the terminals. Industrial buyers taking tankcars are also quoting $1.05 per barrel at the refinery. Tankwagon prices in the local area continue unchanged at $1.25 per barrel in Northern New Jersey and the metropolitan New York area price is around $1.40 per barrel. Diesel oil prices were raised 13½c. per barrel at Norfolk and the price at that point is now $1.78½ per barrel.

Lubricating Oils.—There was a fairly good demand for Pennsylvania cylinder oils and bright stocks. The neutral oils were also moving in rather good style and prices have been holding firmly. The prices for cylinder oils and bright stocks have been firm also and without change during recent weeks.

Markets at Other Centers

Tulsa, July 16.—Abnormal temperatures throughout the middle west thus far have apparently had little effect in reducing the consumption of gasoline. Motoring is obviously at peak as the demand coming from all parts of the country is at the highest level of the year in the Midcontinent refined oil markets. Refiners this week report another increase in shipments. There is a firmer structure in prices, but the strength is still not sufficient to provide the momentum necessary to establish a higher trading level of prices. The natural gasolines again appear to be the strongest as the supply of

The State of the Petroleum Market

There were no changes in crude petroleum prices last week. Gasoline at the refinery points was steady. Retail prices of gasoline have been lowered at Newark and Atlantic City, N. J.

	July 17	July 10	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.286	$1.286	$1.147
Gasoline prices at refineries (at four refining centers), per gallon	.0555	.0555	.051875
Gasoline prices at serving station (average for ten marketing centers—including tax) per gallon	.1946	.1946	.1871

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

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Outputs and Quotas

A comparison of suggested crude oil production for July as recommended by Secretary Ickes and the American Petroleum Institute's estimate of crude production for the week ended July 11, follows:—

	Federal agency allowable.	Estimated output.
Oklahoma	569,800	546,500
Kansas	164,200	144,800
Texas	1,146,500	1,137,200
Louisiana	186,800	230,550
Arkansas	31,300	29,550
Eastern (not including Michigan)	107,700	109,750
Michigan	33,800	31,000
Wyoming	38,800	36,350
Montana	13,400	17,050
Colorado	4,700	4,500
New Mexico	69,400	74,050
California	550,800	586,400
Totals	2,917,200	2,947,700

one grade has been completely absorbed. In Oklahoma buyers are willing to reach for supplies and although a large part of the trading has been effected at about the levels of prices that prevailed last week, there was some of the 26-70 grade that moved at 2⅞c. a gallon, the highest in many weeks. The downward trend in burning oils is completing its third month this week as softness still prevails. Concessions for spot shipments are still available. However, inquiries for deliveries over the burning season are increasing steadily and several refiners came into the market this week in an effort to contract for their requirements. Marketers at this time are only occasional buyers. The principal demand for future deliveries comes from refiners whose supplies are insufficient to supply their trade and from marketers and distributors with ample storage facilities.

GASOLINE (refinery).—The third grade is being quoted by refiners on contract at 4⅞c. to 5c. although in the spot market there is still some material for resale at 4⅝c. Middle octane is generally quoted for contract shipments at 5⅜c. to 5½c. although in this grade there is also a wide margin in the resale market for spot shipments. The higher grades are quoted at 6c.

NATURAL GASOLINE.—Many trades in the 26-70 grades were made at 2⅞c. this week for Oklahoma deliveries, this is the highest quotation in several weeks and promises to be the level of trading for the coming week unless a materially larger demand develops which would carry the price higher. The statistical position of the product has improved greatly with the influx of orders from refiners on a larger scale during the week. In Texas this grade is still available at 2½c. The 12 pound is unchanged at 4¼c. in Oklahoma but there is no supply in the Texas market. The 18 pound grade is quoted at 3.30c. in Oklahoma and 3c. in Texas.

KEROSENE.—Further concessions are being granted this week for spot shipments as the material is increasing in storage. The 41-43 grade was available at 3¼c. Several refiners have brought down their quotations ⅛c. On contract, the price remains at 3½c. generally while the 42-44 is 3⅝c.

DISTILLATES.—Softness also prevails in this group for immediate shipment, however in the more distant deliveries there is a reticence on the part of refiners to contract for any substantial quantities. The spot resale market quotes the 38-40 prime at 2⅞c. while the zero gas oil is available at 2½c. and the 38-40 light straw at 2¾c. Quotations on contract are ¼c. to ⅜c. higher although prices are nominal as there is a small quantity of distress material on the market. Many refiners are out of the market on account of the low prices. They are prepared to store all of their production if necessary in anticipation of a larger consumption later. and are only supplying their regular customers at the lowest prices.

FUEL OIL.—The movement remains about the same as quotations are unchanged. The 24-28 grade remains at 95 to $1.05. per barrel and the low gravities, high viscosities and high pour tests are available from 60c. to 72½c. depending upon the grade.

Chicago, July 16.—Record-breaking volume of gasoline consumption and an accordingly high level of trade demand for gasoline are twin factors in the current petroleum markets here. Shipments of material are extremely heavy. Jobbers are taking in large quantities on their contracts and open market purchases, too, are in fair proportion. There is a fair amount of blending of naphtha and natural gasoline at this time. Kerosene is dead and inclined to weaken in price. Demand for tractor fuels also is slow. The heating oils are still easing off in price without attracting much buying. Heavy fuels, however, are tight and in good call, based partly on demand and partly on their relation to the firmer crude market. Lubricants are making a good showing.

GASOLINE.—Low octane motor, 4⅞c. to 5c. per gallon; middle octane motor, 5⅜c. to 5½c.; high octane motor, 5⅞c. to 6⅛c.; 60-62, 400, 4⅞c. to 5c.; 64-66, 375, 5c. to 5⅛c.; 68-70, 360, 5⅛c. to 5¼c.

KEROSENE.—42-44, water white, 3¾c. to 4c. per gallon; 41-43, water white, 3½c. to 3¾c.

FURNACE OILS.—No. 1 white, 3⅛c. to 3¼c. per gallon; No. 1 straw, 3c. to 3⅛c.; No. 2 straw, 2⅞c. to 3c.; No. 2, dark, 2⅝c. to 2¾c.; 32-36, dark, industrial gas oil, 2⅜c. to 2½c.

FUEL OILS.—No. 3, low cold test, 2⅝c. to 2¾c. per gallon; No. 4, 95c. to $1 per barrel; No. 5, 72½c. to 75c.; No. 6, 62½c. to 65c.

New Orleans, July 14.—The domestic market continues to hold its own, with no change in previous quotations. Foreign inquiries and exports were both reported good. U. S. motor gasoline was quoted at 6¼c. per gallon at refinery. U. S. motor, below 62 octane, was quoted at 6¼c.; 63-67 octane at 6¾c. and 68-70 octane at 7¼c. —all of the foregoing quotations being based on a per gallon rate at refinery.

Kerosene continued steady at 6c. per gallon at refinery.

Bunker C fuel oil demand was good at a quoted price of 90c. per barrel at terminal and 95c. per barrel delivered alongside. Industrial plants continued to be quoted on a basis of $1.36 per barrel, delivered.

Liquefied Petroleum Gases Output Increases

(Continued from page 5)

grade blending materials for motor fuel was transformed from the laboratory to the commercial stage in 1935. Although it may be some time before polymerization will restrict the supply of liquefied petroleum gases, it has greatly enhanced the economic importance of butane, the report shows.

At the end of 1935, liquefied petroleum gas was being delivered through mains to consumers in 163 communities in 29 States by 68 companies supplying 29,516 customers, according to data furnished the Bureau of Mines by the American Gas Association.

Butane-air gas with heating value ranging from 520 to 900 B.t.u. per cubic foot was supplied to 105 communities in 28 States by 57 companies. A mixture of undiluted butane and propane gas with a heating value of 2,800 to 3,000 B.t.u. per cubic foot was supplied to 14 communities in California and Nevada by six companies. Undiluted propane gas with a heating value of 2,550 B.t.u. per cubic foot was supplied to 44 communities in Maryland, Minnesota, New Jersey, North Dakota and Wisconsin by five companies.

Shipments of liquefied petroleum gases in bulk, by tankcars, tankwagons, and pipelines, showed a 50 percent increase in 1935 compared with 1934, while cylinder and drum shipments remained practically the same in 1935 as in 1934. This was to be expected as the same market conditions prevailed as in 1934, when the larger share of the increase in deliveries was confined to the industrial field where bulk shipments predominate. The tankcar and tankwagon movement of liquefied petroleum gases totaled 61,457,000 gallons, or 80.0 percent of all deliveries in 1935, compared with 41,048,000 gallons or 72.7 percent of the 1934 total. Cylinder and drum shipments were approximately 15,000,000 gallons for both 1934 and 1935, but the percentage of such deliveries dropped from 27.3 percent in 1934 to 20.0 percent in 1935.

The following table shows the uses of the marketed production reported by 30 companies, 12 operating in the Pacific Coast area:—

Uses of Marketed Production of Liquefied Petroleum Gases 1935 and 1934

	Gallons						
	Propane	Butane	Pentane and Propane-butane mixtures	Total 1935	Percent 1935	Total 1934	Percent 1934
Domestic	18,325,000	1,353,000	1,702,000	21,380,000	27.8	17,681,000	31.3
Gas manufacturing	702,000	5,042,000	1,837,000	7,581,000	9.9	6,298,000	11.2
Industrial and miscellaneous	15,628,000	27,689,000	4,577,000	47,894,000	62.3	32,448,000	57.5
Totals 1935	34,655,000	34,084,000	8,116,000	76,855,000	100.0	56,427,000	100.0
Cylinders or drums	13,420	279	1,699	15,398	20.0	15,379	27.3
Tankcars, Tankwagons and pipe line	21,235	33,805	6,417	61,457	80.0	41,048	72.7
Totals 1935	34,655	34,084	8,116	76,853	100.0	56,427	100.0

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Fertilizer Materials

Sulphate of Ammonia Offered for Balance of Season—Anhydrous and Urea-Ammonia, Nitrogen Solution Also Available—Organics Continue Advancing Under Heavy Feeding Demand

Sulphate of ammonia prices for the balance of the season were made known on Tuesday of last week. The July prices are extended through September with an increase of 50c. per ton for October-November delivery and an additional 50c. per ton increase for December-June delivery. Other price developments of the week included the offering of urea-ammonia liquor on contracts to be written during July for delivery over the entire fertilizer season at the price that prevailed through last season. Anhydrous ammonia is also being offered for the season at no change from last season, which figures out five percent under the price of urea-ammonia season. At repeated prices from last season, the liquids are underselling sulphate by a comfortable margin. In addition to the actual difference in price, a new freight clause in the contracts indicates to buyers that freight charges from the ports to inland points are cheaper than the cost of sulphate of ammonia freights and it is understood that in some instances the lower freight will result in a considerable saving in the unit cost.

Nitrate of soda suppliers continue to offer for July only and have not yet taken a position for the balance of the season.

Cal-nitro 20½ percent was offered out at new prices on Thursday. The quotations are $25 per ton for August-September shipment from abroad, ex vessel at Atlantic and Gulf ports; October-November shipment is 50c. additional and December-April shipment is $1 higher than the early price.

Organics continued to climb higher under the demands of the stock and poultry feeders. The drought has brought feeders into the material markets in numbers and prices have been moving upward with each sale. Packing-house organics and fish products are leading the advances while other materials tag along sympathetically. Fertilizer producers are not paying the prices asked today.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Ammonia sulphate, Oct.-Nov. dlvy., 50c. per ton.
Dec.-June dlvy., $1 per ton.
Blood, dom., Chicago, 25c. per unit.
New York, 15c. per unit.
imported, 2½c. per unit.
Castor pomace, dom., 50c. per ton.
Fish scrap, Japanese sardine, $1 per ton.
Hoof meal, 20c. per unit.
Nitrogenous material, import., 5c. per unit.
Tankage, dom., Chicago, fert. grade, 10c. per unit-ton.
New York, all grades, 25c. per unit-ton.

Reduced

None.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of a normal of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
62.9	62.9	59.0	57.7

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Nitrate of Soda.—Sellers of this commodity did not follow the move initiated by suppliers of other ammoniate products and continue to offer for July delivery only. The July prices are $24.50 per ton for material in bulk, $25.80 per ton for 200-pound bag packing and $26.50 per ton for 100-pound bags.

Sulphate of Ammonia.—Prices for the balance of the season were made known on Tuesday of last week and under the new schedule early buyers will obtain more favorable prices. The July prices are extended through September with an increase of 50c. per ton for October-November delivery and an additional increase of 50c. per ton for December-June delivery. At this basis, the seaboard, prices are: July-September, $25 per ton; October-November, $25.50 per ton; and December-June, $26 per ton. Up to this writing, importers had not named prices and were not offering.

Cyanamid.—As reported here last week, bookings are now being made for the new season. The price at Gulf ports or delivered to interior points is $1.07½ per unit of ammonia while the price at Atlantic ports has been increased 3c. per unit to the basis of $1.03 per unit.

Castor Pomace.—The ideas of the domestic sellers have strengthened and the market is now $15.50 per ton, f.o.b. producing points. This price is 50c. higher than previously.

Dried Blood.—Imported sold at $2.95 per unit last week, a rise of 2½c. over the preceding sale. Sellers were now asking $3 per unit for the material. The Chicago market was quoted at $3.25 to $3.50 per unit with limited offerings. This level compared with the preceding week's market of $3 per unit. The New York market was also higher with sales at $2.90 and asking figures around $3 per unit. The market here was $2.75 a week ago.

Fish Scrap.—A small lot of unground menhaden scrap was reported to have changed hands at re-sale last week at $2.85 and 10c. per unit-ton. There are no sales made by the fishermen who had been holding for $2.75 and 10c. against early season sales and recent bids of $2.50 and 10c. Acid scrap sold last week in Norfolk at $2 and 50c. per unit-ton, a figure which seemed low by comparison with the week's trend of other fish prices. Another low price reported was a sale of ground scrap in Baltimore at $38 per ton; other sales were made at $42 per ton and the market is now posted at $40 to $42 per ton depending upon the quantity desired and the seller. Japanese meal sold in one direction at $38.50 per ton, which is $1 per ton higher than week ago. California sardine meal was available for shipment to the East Coast at $3 and 10c. per unit-ton in the early part of the week but that figure may not be workable now.

Nitrogenous Material.—The imported product is higher in price. Formerly quoted at $2.15 to $2.20 per unit for July-August shipment and $2.20 to $2.25 per unit for October-December position, the market has advanced to $2.20 for early shipment and $2.25 per unit for the latter position with some sellers quoting $2.25 per unit for any position.

Tankage.—The activities of the feeders continued to push prices upward. Fertilizer grade material in Chicago has been boosted to $2.60 and 10c. per unit-ton, a rise of 10c.; feeding grade in the West was unchanged but firm following the sharp rise a week ago to $3.50 and 10c. per unit-ton. The New York market was higher with sales of unground at $3 and 10c. per unit-ton, a rise of 25c. and ground material held for $3,25 and 10c. per unit-ton, a rise of 25c. also. Imported material was not available for prompt shipment.

Urea-Ammonia Liquor. — Producers are taking contracts during July for delivery over the balance of the fertilizer season at 96c. per unit, f.o.b. ports. This price is available on contracts written up to July 31.

Potashes

The period for the availability of maximum discounts, which were recently increased from 10 percent to 12 percent, was to have ended on Saturday of last week, after having been extended from Wednesday. Up to the time of this writing there were no indications that the time for booking under the largest discounts would be extended again, and commencing today, the best discount available will be 5 percent which is offered on orders placed with specifications prior to October 1, 1936, for spot delivery or for shipment/delivery in substantially equal monthly quantities from October 1 to December 31. Orders placed prior to December 1, 1936, for spot delivery or for shipment/delivery on the basis of substantially equal monthly quantities from December 1, 1936, to February 28, 1937, are subject to 2 percent discount.

Phosphates

Superphosphate buyers in the Southeast have been waiting for prices for more than a month but the figures have not been made known as yet. Otherwise the phosphate materials are lacking in feature and little purchasing interest is evident. The bone products in Chicago are holding steady.

Bone Materials.—The market in Chicago continues in a steady position and prices are held at the advanced levels that have been in force for the past four or five weeks. Imported materials

Sulphuric Acid Output by Fertilizer Plants

Production of sulphuric acid by fertilizer manufacturers totaled 126,419 tons in May against 119,565 tons in April and 111,102 tons in May last year, according to the compilation by W. L. Austin, of the Bureau of Census. Consumption in fertilizer totaled 82,396 tons and shipments were 20,870 tons to fertilizer manufacturers and 53,492 tons to other than fertilizer manufacturers. Stocks on hand at the end of the month totaled 75,208 tons against 75,304 tons in April and 97,665 tons at the end of May last year. Details follow:—

Production and Receipts

Short tons expressed as Basic 50° Baume

	1936		1935.	1934.	Total, 5 months (January-May)		
Produced by reporting manufacturers—	May.	April.	May.	May.	1936.	1935.	1934.
Totals	126,419	119,565	111,102	107,568	697,061	715,447	643,162
Northern area*	90,399	85,638	79,632	80,068	471,579	451,672	405,797
Southern area	36,020	33,927	31,470	27,500	225,482	263,775	237,365
Received from fertilizer manufacturers (including exchange transfers)—							
Totals	13,518	10,721	11,610	5,735	78,245	102,953	87,301
Northern area	5,268	6,079	6,809	4,367	38,794	50,833	34,684
Southern area	8,250	4,642	4,801	1,368	39,451	52,120	52,617
Received from other than fertilizer manufacturers—							
Totals	16,725	12,273	13,186	18,793	82,290	94,690	126,050
Northern area	11,056	6,916	7,108	15,002	45,347	52,718	68,314
Southern area	5,669	5,357	6,078	3,791	36,943	41,972	57,736

Consumption and Shipments

Consumption by reporting establishments in manufacture of fertilizer—							
Totals	82,396	81,921	87,944	83,969	514,696	581,835	636,530
Northern area	44,172	45,724	54,454	55,398	267,553	298,428	315,426
Southern area	38,224	36,197	33,490	28,571	247,143	283,407	321,104
Shipments to fertilizer manufacturers (including exchange transfers)—							
Totals	20,870	13,258	18,473	14,312	112,363	164,626	107,877
Northern area	14,245	9,676	14,681	13,199	85,438	122,583	84,731
Southern area	6,625	3,582	3,792	1,113	26,925	42,043	23,146
To other than fertilizer manufacturers—							
Totals	53,492	55,451	29,714	25,894	247,582	186,228	140,257
Northern area	46,627	49,221	23,014	24,143	209,986	148,313	130,530
Southern area	6,865	6,230	6,700	1,751	37,596	37,915	9,727

Stocks

Totals	75,208	75,304	97,665	86,048	.....	.....	.....
Northern area	51,046	49,367	70,576	60,690	.....	.....	.....
Southern area	24,162	25,937	27,089	25,358	.....	.....	.....

* The division line for the Northern and Southern area is the south line of Virginia projected westward.

Fertilizer Tag Sales: 1935-36 Season

Equivalent tons*

South—	P.C. of 1935.	June 1936.	June 1935.	June 1934.	P.C. of 1934-35.	July-June 1935-36.	July-June 1934-35.	July-June 1933-34.
Virginia†	71	4,204	5,895	4,772	104	374,466	360,785	326,768
North Carolina	150	20,468	13,688	11,392	103	1,017,829	986,198	872,642
South Carolina	95	15,523	16,266	8,051	99	613,086	619,964	583,931
Georgia	123	8,252	6,720	1,480	107	665,400	621,272	562,444
Florida†	119	15,164	12,703	17,251	105	446,081	426,330	393,785
Alabama	208	9,650	4,650	4,450	112	469,500	420,250	369,350
Mississippi	206	8,847	4,300	1,981	118	242,141	205,154	179,323
Tennessee†	37	75	202	178	119	109,711	91,875	89,307
Arkansas‡	19	153	825	200	125	46,759	37,330	42,125
Louisiana†	439	1,977	450	500	116	109,204	94,440	81,245
Texas†	4	5	125	25	106	63,139	59,528	54,801
Oklahoma	1000	50	5	5	101	5,985	5,919	4,735
Totals, South	128	84,368	65,829	50,285	106	4,163,301	3,929,045	3,560,456
Midwest—								
Indiana	104	906	869	307	127	214,157	168,692	130,272
Illinois	16	437	2,692	75	123	27,846	22,661	19,352
Kentucky	100	63	63	31	112	80,115	71,627	62,494
Missouri	113	26	23	50	117	64,947	55,367	41,221
Kansas	...	.....	.....	50	133	7,454	5,597	2,270
Totals, Midwest	39	1,432	3,647	513	122	394,519	323,944	255,609
Grand totals	123	85,800	69,476	50,798	107	4,557,820	4,252,989	3,816,065

* Monthly records of fertilizer tax tags are kept by State control officials and may be slightly larger or smaller than the actual sales of fertilizers. The figures indicate the equivalent number of short tons of fertilizer represented by the tax tags purchased and required by law to be attached to each bag of fertilizer sold in the various States.

† Cottonseed meal sold as fertilizer included.

‡ Excludes 43,336 tons of cottonseed meal for July-June combined, but no separation is available for the amount of meal used as fertilizer from that used as feed.

(Compiled by The National Fertilizer Association)

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

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have not been changed since the reduction in foreign 4½ and 50 raw bones a week ago.

Superphosphate.—There is not much activity on the part of buyers in the Northern section of the country and things are at a standstill in the South where buyers have been waiting for the appearance of prices for the new season.

Sulphur and Pyrites

While the recent increase in the sulphur severance tax in Louisiana is not expected to have any effect on the market for some time, it will doubtless increase the agitation in Texas for a higher tax rate there. The Louisiana producers and probably those in Texas as well, have ample stocks above ground that will not be subject to any increase in tax rates and should increased taxation force a rise in selling prices it would not likely take place for some time ahead.

Markets at Other Centers

Atlanta, July 16.—Midsummer quiet prevails in the fertilizer material market. The heat wave has driven sellers and buyers in large numbers to Summer resorts.

No new price schedules have been announced for superphosphate in the South, though this has been expected for more than a month.

Crop conditions in the South are poor. Occasionally local showers are improving conditions only slightly.

Quotations of a nominal market are as follows:—

SUPERPHOSPHATE.—Nominal.

NITRATE OF SODA.—$24.50 per ton bulk, port basis.

SULPHATE OF AMMONIA.—$25 per ton ports and Birmingham.

COTTONSEED MEAL.—7 percent grade, $28 per ton interior mills.

NITROGENOUS.—$2.15 per unit, ports.

BLOOD.—$2.70 to $2.85 per unit, Chicago.

TANKAGE.—$2.40 to $2.50 and 10c. per unit, Chicago; imported, $3 and 10c. ports.

Baltimore, July 16.—Strength prevails in the organic ammoniate, the market for crude fertilizer materials is otherwise steady. The buying of the organics has not been overly active here, but the interest shown is none the less significant. The figures mentioned were about as follows:—

FISH SCRAP.—There were no new transactions last week and the figures mentioned continued to range around $2.80 and 10c. to $2.90 and 10c. per unit-ton, basis Baltimore.

TANKAGE.—Quotations of $2.90 and 10c. per unit-ton, c.a.f. basis Baltimore mentioned in response to inquiries. A good grade might bring as much as $3 and 10c. per unit-ton.

BLOOD.—Sellers are firm in their ideas of values around $2.90 to $3 per unit-ton.

NITROGENOUS MATERIAL.—Imported appears to be holding well around $2.20 to $2.25 per unit.

BONE.—Quotations are quite steady at $23.50 to $24.50 a ton for 3 and 50 ground steamed and at $24.50 to $26 per ton for 4½ and 50 ground raw supplies.

Chicago, July 16.—There is a considerably better tone throughout the entire fertilizer market and prices as a whole are stiffening and moving upward. Buyers seem to be more interested, and the foreign market situation is reinforcing the domestic situation. Sellers are not anxious to offer very large quantities of material. Blood is closely held and offered in only limited quantities. The tankage situation is described as being quite firm. Bone materials have been in fair call for some time. In general, inquiries are good.

BLOOD.—High grade, ground and unground, $3.10 to $3.25 per unit of ammonia; unground, suitable for feeding, 10 to 12 percent, extra good, $3.40 to $3.50 and 10c.; 7 to 9 percent, $3.50 to $3.80 and 10c.

TANKAGE.—High grade, ground, $2.50 to $2.75 and 10c.; low grade tankage, $17 to $18 per ton, Middlewest; liquid stick, $2.15 to $2.25; hoof meal, $2.60 to $2.70.

BONE MATERIAL.—Ground, steamed bone, 1¼ percent ammonia and 60 percent phosphate, $16 to $17; 3 and 50 percent, $18 to $19; 4½ and 50 percent, $22 to $24; grinding hoofs, pigs' toes and waste horn materials, $18 to $19; junk and hotel kitchen bones, $17 to $18; cattle jaws, skulls and knuckles, $24 to $25; pork cracklings, soft pressed, $55 to $60; beef cracklings, soft pressed, $45 to $50; hard pressed cracklings, per unit of protein, 77½c. to 82½c.

San Francisco, July 13.—Fish meals furnished the main theme of market topics here last week, when a very substantial portion of the coming season's potential production in California and Oregon was sold into contract. It was conservatively estimated in reliable quarters that up to today at least one-third and possibly more

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Peru Cuts Guano Output

In continuance of the established system of rotation, a Peruvian governmental resolution has authorized the compania Administradora del Guano to collect during 1936-37 a total of 126,200 metric tons of guano, according to information received by the Department of Commerce from the commercial attache at Lima. The resolution designates the islands or points to be worked and dates on which collection is to begin. The quantity specified for 1936-37 is less than actual production in recent years. The output in 1932-33 was 133,741 tons; in 1933-34, 162,358 tons; and in 1934-35, 148,256 tons.

Potash Institute Advances Mann

The American Potash Institute, Washington, announces the appointment of Dr. H. B. Mann as manager of its Southern territory, the position left vacant by the recent death of Dr. J. N. Harper. Since the first of this year, Dr. Mann has been assistant manager, joining the institute from the North Carolina Agricultural Experiment Station where he had served for several years as agronomist in soil fertility work.

Shipping Information

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Imports at U.S. Ports

New York Imports

ACID, BUTYRIC—10 carboys, 1,465 lbs, Nordlys, Hamburg
CRESYLIC—70 dms, American Cyanamid & Chem Co, California, Glasgow
36 dms, Crowley Tar Product Co, American Shipper, Manchester
10 dms, Monsanto Chem Co, American Shipper, Liverpool
LINSEED OIL—150 bbls, 68,349 lbs, Black Tern, Antwerp
75 bbls, I R Boody & Co, Edam, Rotterdam
125 bbls, Edam, Rotterdam
STEARIC—133 bgs, 10 tons, 6 cwt, 1 qtr, 9 lbs, Orbis Product Trading Co, Scythia, Liverpool
ADEPS LANAE—100 bbls, 10 tons, 17 cwt, 3 qtrs, 6 lbs, C Tennant Sons & Co, Scythia, Liverpool
AGAR AGAR—45 bls, Mitsui & Co, Taihei, Kobe
ALBUMEN, EGG, HEN—101 cs, Henningsen Bros, President Taft, Shanghai
28 cs, Paul A Dunkel & Co, President Taft, Hankow
84 cs, T M Duche & Sons, President Taft, Tientsin
28 cs, Consumers Import Co, President Taft, Tientsin
56 cs, Consumers Import Co, Sanyo, Kobe
ALPHAMETHYLNAPHTHALENE — 20 cans, Charles Hardy, Deutschland, Hamburg
ALPHAPICOLIN — 20 cans, Charles Hardy, Deutschland, Hamburg
ALOE—100 cs, Selma Mercantile Corp, Cottica, Curacao
EXTRACT—1 pkg, Imperial Chem Industries, Henry S Grove, Port Elizabeth
ALUM, POTASH CHROME—48 bbls, 39,910 lbs, American Cyanamid & Chem Co, Manhattan, Hamburg
ALUMINUM LEAF—196 cs, Globe Shipping Co, Deutschland, Hamburg
POWDER—5 cs, Hamilton Forwarding Co, Manhattan, Hamburg
AMMONIAC SAL—50 cs, 3 tons, 2 qtrs, 24 lbs, Solvay Sales Corp, Scythia, Liverpool
100 cks, Gerolstein, Antwerp
ANETHOL—2 cs, 193 lbs, Amtorg Trading Corp, Max Hoels, Leningrad
ANGELICA ROOT — 2 cs, W & A Gilbey, Aquitania, Southampton
ANISE, STAR—98 bgs, Brown Bros-Harriman Co Sanyo, Hongkong
102 pkgs, Peek & Velsor, Tarhei, Hongkong
ANNATTO SEED—40 bgs, President Van Buren, Colombo
ANTIMONY, ORE—1,083 bgs, Duncan, Fox & Co, Stella, Arica
OXIDE—250 bgs, H R Bandekow, Sanyo, Ohansha
REGULUS—200 cs, Wah Chang Trading Co, President Taft, Hankow
500 cs, Wah Chang Trading Co, Sanyo, Shanghai
ARSENIC, WHITE—99 dms, 59,133 lbs, African Metal Corp, Black Tern, Antwerp
ASBESTOS—1,300 bgs, Raw Asbestos Distr, Henry S Grove, Beira
8,315 bgs, Amtorg Trading Corp, Max Hoelz, Leningrad
ROCK—43 bgs, U S Asbestos Division, American Merchant, London
ASPHALT—1,025 cakes, Berlin, Bremen
200 bgs, A V Berner & Co, Oriente, Havana
MINERAL—325 bgs, Central Com'l Co, Seatrain New York, Havana
BALSAM—30 cs, W R Warner & Co, Beunaventura, Central American ports
BARIUM CHLORATE—20 bbls, 2,481 lbs, International Selling Corp, Collander, Havre
NITRATE—1 cs, Eimer & Amend, Manhattan, Hamburg
SULPHATE—2 bgs, 228 lbs, Associated Metal & Mineral Corp, Exchange, Tarragona
BARK, MEDICINAL—2 bls, Peek & Velsor, Vulcania, Trieste
212 bls, Henry S Grove, Trinidad
BARYTES—600 bgs, Whittaker, Clark & Daniels, Berlin, Bremen
1,500 bgs, Smith Color & Chem Co, Berlin, Bremen
BELLADONNA ROOT—12 bls, R J Prentiss & Co, Vulcania, Leubrovnik
13 bls, S B Renick & Co, Vulcania, Leubrovnik
3 bls, Peek & Velsor, Vulcania, Leubrovnik
BERRIES, MEDICINAL—19 bgs, Deutschland, Hamburg
BETAMETHYLNAPHTHALENE — 20 cans, Charles Hardy, Deutschland, Hamburg
BISMUTH, REF—150 cs, Cerro de Pasco Copper Corp, Santa Lucia, Callao
BLOOD, DRIED—1,013 bgs, Uruguayo, Buenos Aires
BONE PHOSPHATE—510 bgs, Gerolstein, Antwerp
BRISTLES—25 cs, Globe Shipping Co, Deutschland, Hamburg
50 cs, Block Bros, President Taft, Shanghai
5 cs, Swerling Trading Co, President Taft, Shanghai
24 cs, H Rosenhirsch Co, President Taft, Hankow
36 cs, Chestnut, Cooper & Co, President Taft, Hankow
274 cs, B C Ritchie & Co, President Taft, Tientsin
19 cs, Dollar S S Line, President Taft, Kobe
55 cs, H Rosenhirsch Co, President Taft, Tientsin
100 cs, Corn Exchange Bank & Trust Co, Sanyo, Shanghai
10 cs, Philadelphia Nat'l Bank, Sanyo, Shanghai
202 cs, Mitsui & Co, Sanyo, Shanghai
31 cs, F H Cone & Co, Sanyo, Shanghai
11 cs, F H Cone & Co, Sanyo, Kobe
65 cs, Sanyo, Kobe
38 cs, Corn Exchange Bank & Trust Co, Sanyo, Kobe
83 cs, Chase Nat'l Bank, Sanyo, Tientsin
64 cs, Brown Bros-Harriman Co, Sanyo, Tientsin
6 cs, Philadelphia, Nat'l Bank, Sanyo, Tientsin
28 cs, Chase Nat'l Bank, Sanyo, Kobe
25 cs, Chestnut, Cooper & Co, Sanyo, Kobe
73 cs, American Merchant, London
12 cs, Chestnut, Cooper & Co, American Merchant, London
16 cs, Mitsui & Co, American Merchant, London
20 cs, Amtorg Trading Corp, Max Hoelz, Leningrad
BRONZE POWDER—3 cs, Hamilton Forwarding Co, Manhattan, Hamburg
38 dms, Deutschland, Hamburg
CACTUS—12 cs, Parke, Davis & Co, Pastores, Kingston
CADMIUM—224 cs, 23,751 lbs, Black Tern, Antwerp
CALCIUM PHOSPHATE—1 cs, Eimer & Amend, Manhattan, Hamburg
CAMPHOR—72 cs, F W Woolworth Co, Sanyo, Kobe
CRUDE—504 cs, Mitsui & Co, Sanyo, Keeling
REFINED—Sanyo, Kobe
CANARY SEED—50 bgs, A G Dunn, Edam, Rotterdam
CARAWAY SEED—100 bgs, 11,000 lbs, Black Diamond Seed Co, Edam, Rotterdam
100 bgs, 11,000 lbs, Knickerbocker Mills Co, Black Osprey, Rotterdam
CARDAMON—8 cs, American Merchant, London
1 cs, American Merchant, London
2 cs, American Express Co, American Merchant, London
CASEIN—40 bgs, R F Downing Co, American Merchant, London
CASSIA—400 bls, Knickerbocker Mills Co, President Taft, Canton
75 bls, G T German, President Taft, Hongkong
186 bls, Maron, Batavia
49 bls, Sino Java Handel, Maron, Padang
100 bgs, Van Loan & Co, Taihei, Hongkong
2 bgs, Mitsui & Co, Taihei, Hongkong
CASTOR BEANS—1,708 bgs, W R Grace & Co, Coldbrook, Bahia
3,400 bgs, National City Bank, Coldbrook, Pernambuco
3,640 bgs, Baker Castor Oil Co, Aracaju, Rio Janeiro
4,247 bgs, Aracaju, Bahia
6,096 bgs, Uruguayo, Santos
1,400 bgs, Silvercedar, Bombay
CELERY SEED—60 bgs, President Van Buren, Bombay
50 bgs, I Harrison & Whitney, President Van Buren, Marseilles
CHALK, BLOCK—1,000,000 kilos, Taintor Trading Co, Collamer, Dunkirk
PRECIPITATED—50 cks, 8 tons, 2 cwt, 2 qts, H J Baker & Bros, Scythia, Liverpool
CHAMOMILE FLOWERS—20 cs, 5,720 lbs, Deutschland, Hamburg
CHEMICALS—3 cs, Eimer & Amend, Manhattan, Hamburg
2 cs, Sherka Chem Co, Deutschland, Hamburg
10 cs, Geo Lueders & Co, Deutschland, Hamburg
5 cs, Culver Export Co, Deutschland, Hamburg
1 cs, 20 cks, Ore & Chem Co, Deutschland, Hamburg
18 dms, 2 cs, 40 cks, Jungman & Co, Deutschland, Hamburg
8 bbls, Fezandie & Sperrie, Deutschland, Hamburg
2 cs, J E Bernard & Co, Deutschland, Hamburg
12 cs, C M Martin, Deutschland, Hamburg
69 dms, 35 cks, 453 bgs, 14 cs, Deutschland, Hamburg
20 dms, 1 bbl, Bergstrom Trading Co, Drottningholm, Gothenburg
57 cs, Mallinckrodt Chem Works, Drottningholm, Gothenburg
9 cs, Ciba Co, Normandie, Havre
4 cks, H R Ackerman, Normandie, Havre
13 cks, First National Bank, Pittsburgh, Normandie, Havre
10 bgs, R & G, Normandie, Havre
9 pkgs, Hoffmann, La Roche, Inc, Normandie, Havre
11 cs, Lo Curto & Funk, Normandie, Havre
137 bgs, Whittaker, Clark & Daniels, California, Glasgow
50 cks, Innis, Speiden & Co, Berlin, Bremen
8 cs, 50 cks, Pfaltz & Bauer, Berlin, Bremen
5 cs, Hummel Chem Co, Berlin, Bremen
570 bgs, Berlin, Bremen
30 cks, 1 carton, 5 cans, Advance Solvents & Chem Co, Berlin, Bremen
1 cs, 260 bgs, 25 bbls, African Metal Corp, Black Tern, Antwerp
345 cs, 102 kgs, H H Rosenthal & Co, Sanyo, Osaka
1 dm, W S Rubber Export Co, American Shipper, Manchester
4 cks, Advance Solvents & Chem Co, Bremen, Bremen
27 dms, Advance Solvents & Chem Co, Bremen, Bremen
27 dms, Advance Solvents & Chem Co, Gerolstein, Antwerp
20 dms, Gerolstein, Antwerp
2 dms, 40 cks, Advance Solvents & Chem Co, Edam, Rotterdam
12 cs, 5 cks, Edam, Rotterdam
15 cks, 89 bgs, Robinson, Wagner Co, Edam, Rotterdam
40 kgs, R J Prentiss & Co, Edam, Rotterdam
120 cks, Ore & Chem Co, Edam, Rotterdam
20 cans, Charles Hardy, Deutschland, Hamburg
40 cks, Advance Solvents & Chem Co, Black Osprey, Rotterdam
20 carboys, 46 cs, 122 cks, Black Osprey, Rotterdam
CHILLIES—138 bgs, Henry S Grove, Mombasa
CHROME ORE—3,000 tons, Electrometallurgical Co, Henry S Grove, Beira
CINCHONA PRODUCTS—120 cs, R W Greff & Co, Edam, Rotterdam
CINCHONIDINE SULPHATE—5 cs, New York Quinine & Chem Works, Edam, Rotterdam
CLAY—600 bgs, W Manley, Manhattan, Hamburg
900 bgs, W Manley, Deutschland, Hamburg
8 cks, A Hurst & Co, Edam, Rotterdam
CLOVES—100 bls, National City Bank, Henry S Grove, Zanzibar
665 bls, President Van Buren, Singapore
COALTAR — 7 cks, General Aniline Works, Edam, Rotterdam
INTERMEDIATES—4 cs, General Dyestuff Corp, Deutschland, Hamburg
18 cks, General Aniline Works, Bremen, Bremen
1 ck, General Dyestuff Corp, Bremen, Bremen
1 cs, 44 dms, General Aniline Works, Edam, Rotterdam
87 cks, General Dyestuff Corp, Edam, Rotterdam
COATING POWDER—50 bgs, 6,358 lbs, Isaac Voight & Co, Deutschland, Hamburg
COBALT, METAL—96 cks, 20 cs, Central Trading Corp, Gerolstein, Antwerp
OXIDE—100 cks, Central Trading Corp, Gerolstein, Antwerp
RESIDUE—279 pkgs, 12 tons, 14 cwt, 10 lbs, Electrometallurgical Co, Henry S Grove, Beira
SULPHATE—50 cks, Central Trading Corp, Gerolstein, Antwerp
COCA LEAVES—47 bls, 20,312 lbs, Mallinckrodt Chem Works, Santa Lucia, Salaverry
COCOA BEANS—1,232 bgs, Curacao Trading Co, Cottica, La Guayra
500 bgs, Fruit Despatch Co, Quirigua, Havana
48 bgs, Schutte & Focke, Flora, Jeremie
36 bgs, Flora, Jeremie
500 bgs, Wessel, Duval & Co, Flora, Puerto Cabello
500 bgs, Flora, Puerto Cabello
93 bgs, Lopez & Mangual, Caracas, Curacao
350 bgs, Machado & Co, Caracas, La Guaira
60 bgs, Scholtz & Co, Caracas, La Guaira
1,592 bgs, Busi & Stephenson, West Kebar, Lagos
1,091 bgs, West Kebar, Lagos
5,879 bgs, Balfour, Guthrie & Co, West Kebar, Lagos
1,600 bgs, Balfour, Guthrie & Co, West Kebar, Accra
777 bgs, West Kebar, Accra
6,500 bgs, W R Grace & Co, Aracaju, Bahia
2,000 bgs, Wessel, Kulenkampf & Co, Aracaju, Bahia
1,000 bgs, Nieschlag & Co, Aracaju, Bahia
6,000 bgs, Guaranty Trust Co, Aracaju, Bahia
3,500 bgs, Bankers Trust Co, Aracaju, Bahia
2,400 bgs, Aracaju, Bahia
1,700 bgs, Henry S Grove, Trinidad
111 bgs, Curacao Trading Co, Coamo, Trujillo
540 bgs, American Merchant, London
500 bgs, Wessel, Duval & Co, Buenaventura, South Pacific ports
400 bgs, Buenaventura, South Pacific ports
950 bgs, W R Grace & Co, Santa Lucia, Guayaquil
28 bgs, Santa Lucia, Guayaquil
600 bgs, Machado & Co, Ponce, Puerto Plata
400 bgs, Carr Bros, Ponce, Puerto Plata
200 bgs, Royal Bank of Canada, Ponce, Puerto Plata
428 bgs, Edam, Rotterdam
COCOABUTTER—4 bls, American Bluefr.esveen Co, Edam, Rotterdam
COCONUTS—800 bgs, 80,000 lbs, Franklin Baker Co, Pastores, Cristobal
1,743 bgs, 174,300 lbs, Franklin Baker Co, Pastores, Kingston
10 bgs, 12,000 lbs, Universal Import & Export Co, Pastores, Kingston
500 bgs, 50,000 lbs, A N Leakway, Pastores, Kingston
278 bgs, 27,800 lbs, A A Lindo & Co, Pastores, Kingston
45 bgs, 4,500 lbs, Universal Import & Export Co, Coamo, San Juan
350 bgs, 35,000 lbs, Fruit Despatch Co, Calamares, Kingston
COCONUT, DESIC—93 cs, Cooperative Coconut Prod, Inc, President Taft, Manila
250 cs, H Vavasseur, President Van Buren, Colombo
COLORS—3 cks, S H Pomerance Co, Normandie, Havre
4 bbls, Dunlap, Alpers & Mott, Black Tern, Antwerp
2 cs, B F Drakenfeld & Co, Scythia, Liverpool
30 tins, Southern Railway, Edam, Rotterdam
DRY—26 cks, Stanley Doggett, Edam, Rotterdam
EARTH—21 cks, Reichard-Coulston, Berlin, Bremen
4 cks, Reichard-Coulston, Edam, Rotterdam
PIGMENT—1 cs, 2 jugs, General Dyestuff Corp, Edam, Rotterdam
COLUMBITE—4 bgs, American Express Co, American Merchant, London
CORIANDER SEED—2 cs, W & A Gilbey, Aquitania, Southampton
204 bgs, C M Van Sillevoldt, Exchange, Casablanca
204 bgs, R J Prentiss & Co, Exchange, Casablanca
306 bgs, Van Loan & Co, Exchange, Casablanca
550 bgs, Exchange, Casablanca
CORK, WASTE—413 bls, Johnson Turner Trading Co, Exchange, San Felin
WOOD — 75 bls, Crown Cork & Cap Co, Edam, Rotterdam
COTTON LINTERS—431 bls, Hercules Powd Co, Uruguayo, Santos
CREOSOTE—20 crbys, 2,980 lbs, Nordlys, Hamburg
CRESOL, SOLID—20 dms, 10 kegs, Monsanto Chem Co, American Shipper, Liverpool
CUBEBS—16 bgs, President Van Buren, Singapore
CUMIN SEED—90 bgs, President Van Buren, Bombay
CURICURY NUTS—3,800 bgs, Franklin Baker Co, Coldbrook, Bahia
CUTTLEFISH BONES—50 cs, 1,760 lbs, Frank Vliet Co, Independence Hall, Bordeaux
DERRIS ROOT—1 pkg, Webbal Service Co, Silverwalnut, Singapore
4 bls, Dodwell & Co, President Taft, Manila
DIATOMITE—40 bgs, Whittaker, Clark & Daniels, Fort Townshend, Halifax
DILLSEED — 78 bgs, President Van Buren, Bombay
DRAGON'S BLOOD—1 cs, American Merchant, London
DUTCH METAL—2 cs, B F Drakenfeld & Co, Manhattan, Hamburg
DYES—1 ck, American Express Co, Deutschland, Hamburg
3 cks, Ozalid Corp, Edam, Rotterdam
ALIZARIN—6 cans, General Dyestuff Corp, Bremen, Bremen
14 cks, 1 cs, 8 jugs, General Dyestuff Corp, Edam, Rotterdam
ANILIN—2 cks, 1 pkg, General Dyestuff Corp, Deutschland, Hamburg
8 dms, Deutschland, Hamburg
28 pkgs, Sandoz Chem Works, Normandie, Havre
22 cks, Ciba Co, Normandie, Havre
19 cks, Geigy Co, Normandie, Havre
29 pkgs, Carbic Color & Chem Co, Normandie, Havre
4 cks, Ciba Co, Bremen, Bremen
1 cs, 28 cks, General Dyestuff Corp, Bremen, Bremen
26 dms, 2 cs, 191 cks, General Dyestuff Corp, Edam, Rotterdam
DYEWOOD CUTTED—22 bgs, J L Hopkins & Co, Vulcania, Trieste
22 bgs, Peek & Velsor, Vulcania, Trieste
23 bgs, S B Penick & Co, Vulcania, Trieste
EGG YOLK, HEN—96 cs, D L Moss & Co, President Taft, Shanghai
56 cs, Joe Lowe Corp, President Taft, Tientsin
56 cs, Consumers Import Co, President Taft, Tientsin
30 cs, D L Moss & Co, Sanyo, Shanghai
112 cs, Irving Trust Co, Sanyo, Shanghai
56 cs, Stein, Hall & Co, Sanyo, Kobe
112 cs, American Cyanamid & Chem Co, Sanyo, Kobe
EPSOM SALT—150 bgs, Berlin, Bremen
FENNEL SEED — 217 bgs, President Van Buren, Bombay
FILTER COMPOUND—100 bls, P H Petry & Co, Deutschland, Hamburg
PAPER—13 cs, 2 bls, Deutschland, Hamburg
7 cs, H Reeve Angel & Co, American Merchant, London
1 cs, J J Murphy & Co, American Merchant, London
1 cs, Universal Carloading & Distr Co, American Merchant, London
FLEASEED—140 bgs, S B Penick & Co, President Van Buren, Bombay
134 bgs, Peek & Velsor, President Van Buren, Bombay
400 bgs, R J Prentiss & Co, President Van Buren, Bombay
67 bgs, Lux Seed Co, President Van Buren, Bombay
243 bgs, President Van Buren, Bombay
120 bgs, President Van Buren, Marseilles
FLORAL WATER—5 cks, President Van Buren, Marseilles
GAMBIER—200 bgs, American Dyewood Co, Maron, Belawan, Deli
GELATIN—5 cs, American Express Co, Deutschland, Hamburg
1 cs, International Selling Corp, Normandie, Havre
20 cs, Dingelstedt & Co, Berlin, Bremen
6 cs, American Express Co, Bremen, Bremen
GINGER ROOT—64 bgs, B H Old & Co, Pastores, Kingston
165 bgs, G B Ollivant, West Kebar, Sierra Leone
82 bgs, West Kebar, Sierra Leone
13 bgs, Gustav Stayer, Buenaventura, Panama
100 bgs, Barclay Bank, Calamares, Kingston
54 bgs, Calamares, Kingston
GLASS PLATE—53 cs, S A Bendheim Co, Manhattan, Hamburg
75 cs, Globe Shipping Co, Deutschland, Hamburg
50 cs, Globe Shipping Co, Berlin, Bremen
1 cs, Semon Bache & Co, Black Tern, Antwerp
SHEET—5 cs, Semon Bache & Co, Manhattan, Hamburg
22 cs, Leo Popper & Son, Deutschland, Hamburg
WINDOW—460 cs, Vitrea Co, Manhattan, Hamburg
9 cs, Leo Popper & Son, Deutschland, Hamburg
30 cs, Black Tern, Antwerp
58 cs, Semon Bache & Co, Black Tern, Antwerp
GLUE—1,122 bgs, Vulcania, Trieste
200 bgs, Dingelstedt & Co, Black Osprey, Rotterdam
BONE—415 bgs, Deutschland, Hamburg
DRY—100 bgs, Dingelstedt & Co, Berlin, Bremen
HIDE—1,100 bgs, Vulcania, Trieste
MARINE PITCH—7 crates, 18 dms, L W Ferdinand & Co, American Merchant, London
POWD—100 bgs, Black Tern, Antwerp
66 bbls, International Selling Corp, Gerolstein, Antwerp
GLYCERIN—41 dms, Uruguayo, Buenos Aires
29 dms, American Shipper, Liverpool
1 tank car, Procter & Gamble Co, Seatrain New York, Havana
353 dms, 456,825 lbs, Amtorg Trading Corp, Max Hoelz, Leningrad
30 dms, Armour & Co, Edam, Rotterdam
GRAPHITE—250 bgs, Silverwalnut, Colombo
500 bgs, J Dixon Crucible Co, President Van Buren, Colombo
200 bbls, Asbury Graphite Mills, President Van Buren, Colombo
GREASE—5 dms, 2,420 lbs, Welch, Holme & Clark, Deutschland, Hamburg
REFUSE—25 bbls, 5 tons, 1 cwt, 3 qrts, 1 lb, National Oil Prod Co, Scythia, Liverpool
WOOL—10 cs, Lansen Naeve Corp, Berlin, Bremen
25 bbls, Atlas Refg Co, American Shipper, Manchester
25 dms, American Cyanamid & Chem Co, American Shipper, Manchester
53 dms, 11 ton, 10 cwt, 21 lbs, C Tennant Sons & Co, Scythia, Liverpool
90 bbls, 18 tons, 5 cwt, 3 qtrs, 2 lbs, Scythia, Liverpool
100 bbls, 15 dms, 24 tons, 12 cwt, 1 qtr, 9 lbs, Hummel Chem Co, Scythia, Liverpool
49 bbls, 42 dms, 18 tons, 16 cwt, 14 lbs, Robinson Wagner Co, Scythia, Liverpool
GUM, BENZOIN—1 cs, American Merchant, London
COPAL—350 bgs, Gillespie-Rogers-Pyatt Co, Black Tern, Antwerp
210 bgs, Manufacturers Trust Co, Silverwalnut, Singapore
180 bskts, Gillespie-Rogers-Pyatt Co, Silverwalnut, Tomini Bay
44 bgs, G W S Patterson & Co, President Taft, Manila
20 bgs, O G Innes Corp, Gerolstein, Antwerp
DAMMAR—120 cs, American Cyanamid & Chem Co, Silverwalnut, Singapore
70 bgs, Stroock & Wittenburg, Silverwalnut, Singapore
50 cs, 192 bgs, Winterbourne & Co, President Van Buren, Singapore
ELEMI—69 pkgs, G W S Patterson & Co, President Taft, Manila
135 cs, American Cyanamid & Chem Co, President Taft, Manila
EUPHORBIUM—3 bgs, American Merchant, London
GAMBOGE—8 cs, President Van Buren, Singapore
INDUSTRIAL—20 cs, President Van Buren, Marseilles
KARAYA—40 bgs, Innis, Speiden & Co, Silvercedar, Bombay
332 bgs, Paul A Dunkel & Co, President Van Buren, Bombay
333 bgs, Innis, Speiden & Co, President Van Buren, Bombay
27 bgs, Frank Vliet Co, President Van Buren, Bombay
KAURI—250 bgs, 5 cs, Stroock & Wittenberg, Canadian Constructor, Auckland
SANDARAC—24 bbls, Exchange, Casablanca
TRAGACANTH—28 bgs, E Meer & Co, President Van Buren, Bombay
20 cs, E Meer & Co, President Van Buren, Marseilles
3 cs, 6 bgs, A D Isbetcherian, President Van Buren, Marseilles
28 cs, E Meer & Co, American Merchant, London
55 bgs, Richard Chem Works, President Van Buren, Bombay
26 bgfs, Frank Vliet Co, President Van Buren, Bombay
GYPSUM—6,225 tons, W S Gypsum Co, Gypsum Empress, Windsor
200 bgs, Whittaker, Clark & Daniels, American Shipper, Manchester
ROCK—2,225 tons, Atlantic Gypsum Co, Evviva, Dingwall
HERBS, MEDICINAL—8 bls, J L Hopkins & Co, Vulcania, Trieste
46 bgs, Siboney, Vera Cruz

HOPS—10 bls, R F Downing & Co, Manhattan, Hamburg
33 bls, S S Stiner, Manhattan, Hamburg
3 bls, P H Petry & Co, Deutschland, Hamburg
26 bls, E Clemens Horst Co, American Merchant, London
INDIGO—40 cks, General Dyestuff Corp, Edam, Rotterdam
INFUSORIAL EARTH—25 bgs, 2,200 lbs, Tire Creek Coal Co, Exchange, Oran
INSECTICIDE—2 dms, R J Vogel Co, Panuco, Tampico
IRISH MOSS—104 bls, C H Reisig, Normandie, Havre
15 bls, Peek & Velsor, Normandie, Havre
50 bls, American Merchant, Havre
IRON ORE—30 dms, 7 tons, 11 cwt, Reichard, Coulston, Scythia, Liverpool
6,768 tons, Leonard J Buck, Porsanger, Narvik
OXIDE—20 cks, 4 tons, 3 qrts, 20 lbs, C J Osborn & Co, Quaker City, Bristol
21 cks, 3 tons, 12 cwt, 3 qrts, 14 lbs, Landers, Segal Color Co, Quaker City, Bristol
224 bgs, J Lee Smith & Co, American Shipper, Liverpool
20 cks, J A McNulty, American Shipper, Liverpool
200 bgs, J Lee Smith & Co, Edam, Rotterdam
140 cks, Reichard, Coulston, Edam, Rotterdam
300 bbls, 400 bgs, 30 cks, Reichard, Coulston, Exchange, Malaga
50 bbls, T H Deutz, Exchange, Malaga
25 bbls, Scott L Libby Corp, Exchange, Malaga
363 bbls, C K Williams & Co, Exchange, Malaga
ISINGLASS—15 cs, American Merchant, London
JUNIPER BERRIES—3 cs, W & A Gilbey, Aquitania, Southampton
KOLA NUTS—25 bgs, J L Hopkins & Co, Pastores, Kingston
50 bgs, D Steengrafe, Calamares, Kingston
58 bgs, Calamares, Kingston
LEAD NITRATE—17 cks, 11,477 lbs, Robinson, Wagner Co, Deutschland, Hamburg
LEAVES, MEDICINAL—100 bls, 12,410 lbs, Exchange, Alicante
LITHOPONE—800 bgs, C J Osborn & Co, Edam, Rotterdam
600 cks, Benj Moore & Co, Edam, Rotterdam
MAGNESIA, CALCINED — 2 cs, Schofield, Donald Co, Scythia, Liverpool
10 cs, McKesson & Robbins, Scythia, Liverpool
CARBONATE—5 pkgs, Mitsui & Co, Taihei, Kobe
HYDRATED — 40 cs, Schofield, Donald Co, American Shipper, Liverpool
MAGNESITE CALCINED—30 dms, Speiden, Whitfield Co, Edam, Rotterdam
MANGANESE ORE—50 bgs, President Van Buren, Marseilles
MANGROVE BARK EXTRACT — 1,389 bgs, Philippine Cutch Corp, President Van Buren, Manila
MARJORAM LEAVES—2 bgs, J Raphael & Son, Vulcania, Trieste
MATCHES, SAFETY—12,808 cs, 619,907 lbs, Amtorg Trading Corp, Max Hoelz, Leningrad
MEDICINAL PREP'S—5 cs, McKesson & Robbins, Calamares, Cartagena
MENTHOL—25 cs, Bridges, Neumer & Co, Sanyo, Kobe
METAL RESIDUES—49 cks, Gerolstein, Antwerp
MICA—52 cs, American Merchant, London
MILK POWD — 55 bbls, 50 cks, 2,139 bgs, Edam, Rotterdam
220 bgs, Balfour, Guthrie & Co, Edam, Rotterdam
MOLASSES—351 tons, W R Grace & Co, Santa Lucia, Supe
MUSTARD SEED — 336 bgs, Corn Exchange Bank Trust Co, Sanyo, Kobe
200 bgs, Charles Gulden, Black Osprey, Rotterdam
MYROBALANS — 2,240 bgs, Hammond & Carpenter, Silvercedar, Bombay
NAPHTHALENE—499 bgs, Calco Chem Co, Nordlys, Hamburg
2,076 bgs, C B Richard & Co, Nordlys, London
448 bgs, C B Richard & Co, Nordlys, London
5,043 bgs, 560,276 lbs, Amtorg Trading Corp, Max Hoelz, Leningrad
246 bgs, Calco Chem Co, Black Osprey, Rotterdam
209 bgs, Black Osprey, Rotterdam
NIGER SEED—432 bgs, Chartered Bank of India, Australia & China, President Van Buren, Colombo
OCHER—10 cks, C K Williams & Co, President Van Buren, Marseilles
OIL, ANISE—10 dms, Bingham & Co, President Taft, Hongkong
1 cs, Mitsui & Co, Taihei, Hongkong
CAMPHOR—35 dms, Guaranty Trust Co, Sanyo, Yokohama
CASSIA—10 dms, Bingham & Co, President Taft, Hongkong
CHINAWOOD—quantity, S L Jones & Co, President Taft, Hankow
281 tons, W G Smith Co, Sanyo, Hankow
OIL, CHINAWOOD—199 tons, National City Bank, Sanyo, Hankow
CITRONELLA—21 dms, Silverwalnut, Colombo
CLOVE—3 cks, President Van Buren, Bombay
COCONUT—25 cs, Geo Silver Import Co, Pastores, Kingston
1,517 tons, Philippine Refg Corp, Silverwalnut, Cebu
6,685 tons, Spencer Kellogg & Sons, Spencer Kellogg, Manila
CODLIVER—125 dms, Black Diamond Steamship Corp, Black Osprey, Rotterdam
CORN—373 dms, N C Littauer, Black Tern, Antwerp
622 dms, Corn Products Refg Co, Black Tern, Antwerp
150 dms, American Merchant, London
100 dms, Gerolstein, Antwerp
COTTONSEED—139 dms, Uruguayo, Santos
DILLSEED—7 cs, 706 lbs, Amtorg Trading Corp, Max Hoelz, Leningrad
100 dms, Gerolstein, Antwerp
CVTTONSEED—139 dms, Uruguayo, Santos
ESSENTIAL—3 cs, Deutschland, Hamburg
56 cs, Normandie, Havre
6 cks, 6 cs, President Van Buren, Marseilles
7 cs, American Merchant, Havre
15 dms, Santa Paula, San Jose
1 cs, R F Downing & Co, Aquitania, Southampton
11 cs, Edam, Rotterdam
FUEL—100,000 bbls, Standard Oil Co of N J, J H Senior, Aruba
65,000 bbls, Standard Oil Co of N J, P H Harwood, Aruba
93,000 bbls, Standard Oil Co of N J, Pan Bolivar, Aruba
100,000 bbls, Standard Oil Co of N J, W C Teagle, Aruba
FISH—66 dms, S Emy, President Taft, Yokohama
GERANIUM—1 dm, 1 can, Dodge & Olcott Co, Exchange, Algiers
1 dm, 1 can, Fritzsche Bros, Exchange, Algiers
2 dms, G Silver Import Co, Exchange, Algiers
2 dms, Corn Exchange Bank Trust Co, Exchange, Algiers
LIME—1 cs, American Merchant, London
8 cs, Ungerer & Co, Santa Paula, Mazatlan
LINSEED—310 dms, American Express Co, Edam, Rotterdam
150 dms, Edam, Rotterdam
45 dms, I R Boody & Co, Edam, Rotterdam
LUBRICATING—25 dms, Manhattan, Hamburg
150 dms, Panhard Oil Corp, Stella, Arica
40 cs, N Y & N J Oil Co, California, Glasgow
10 kgs, Standard Oil Development Co, Collamer, Havre
MINERAL—200 dms, Deutschland, Hamburg
OITICICA—10 bbls, Wecolme Prod, Inc, Edam, Rotterdam
3 bbls, Beck Koller Co, Edam, Rotterdam
OLIVE—1,354 cs, 5 dms, President Van Buren, Genoa
73 bbls, J P Smith & Co, President Van Buren, Marseilles
20 dms, J Weber, Exchange, Timis
10 dms, Bank of Sicily Trust Co, Exchange, Malaga
53 cs, 50 dms, Exchange, Malaga
400 dms, Leghorn Trading Co, Exchange, Seville
140,000 lbs, Guaranty Trust Co, Exchange, Seville
ORANGE—20 cs, Calamares, Kingston
12 cs, Orbis Product Trading Co, Exchange, Valencia
3 dms, Fritzschi Bros, Exchange, Seville
PALM—715 tons, Balfour, Guthrie & Co, West Kebar, Matadi
349 tons, Balfour, Guthrie & Co, West Kebar, Abonema
46 dms, Balfour, Guthrie & Co, American Merchant, London
54 dms, Welch, Holme & Clark, Scythia, Liverpool
PERILLA—291 tons, Murray Oil Prod Co, Sanyo, Osaka
ROSEMARY — 10 dms, Eric Coupey, Exchange, Alicante
7 dms, Norda Essential Oil & Chem Co, Exchange, Alicante
7 dms, Geo Lueders & Co, Exchange, Alicante
STORAX—19 bbls, 25 cs, Vulcania, Trieste
SUNFLOWER SEED—525 dms, Edam, Rotterdam
200 dms, I R Boody & Co, Edam, Rotterdam
TEASEED—100 dms, Sanyo, Hongkong
THYME—2 dms, Fritzsche Bros, Exchange, Seville
OPIUM—2 cs, Vulcania, Dubrovnik
ORANGE PEEL—52 bls, S B Penick & Co, Vulcania, Trieste
4 cs, W & A Gilbey, Aquitania, Southampton
ORRISROOT—1 cs, 1 keg, W & A Gilbey, Aquitania, Southampton
PAINT—10 cs, Roepke & Otto, American Merchant, London
PALM KERNELS—6,461 bgs, G B Ollivant, West Kebar, Lagos
PAPAIN—33 cs, S B Penick & Co, President Van Buren, Colombo
10 cs, Hanover Bank Trust Co, President Van Buren, Colombo
20 cs, S B Penick & Co, Maron, Colombo
PAPAYA—3 cs, Merck & Co, Quirigua, Cristobal
PAPRIKA—20 bgs, 5 cs, J Raphael & Son, Vulcania, Trieste
50 bgs, Deutschland, Hamburg
25 bgs, Knickerbocker Mills Co, Deutschland, Hamburg
25 cs, P Astarbi, Exchange, Alicante
PARACHLORMETACRESOL — 50 cks, 5,660 lbs, Pfaltz & Bauer, Manhattan, Hamburg
PARAFFIN—1 cs, Eimer & Amend, Manhattan, Hamburg
PATCHOULI LEAVES—38 bls, Silverwalnut, Penang
31 bls, Maron, Penang
PEAT DUST—210 bls, New Amsterdam Mfg & Supply Co, California, Glasgow
PEATMOSS — 4 cs, Premier Peatmoss Corp, Drottningholm, Gothenburg
2,300 bls, Berlin, Bremen
PEPPER, BLACK — 50 bgs, President Van Buren, Singapore
240 bgs, Irving Trust Co, President Van Buren, Colombo
150 bgs, President Van Buren, Bombay
WHITE—251 bgs, Silverwalnut, Singapore
210 bgs, Maron, Singapore
823 bgs, Maron, Batavia
162 bgs, Catz American Co, Maron, Batavia
PHENOL—270 dms, 70,961 lbs, Amtorg Trading Corp, Max Hoelz, Leningrad
POPPYSEED—100 bgs, 11,000 lbs, Drottningholm, Gothenburg
100 bgs, 11,000 lbs, R L Friedler, Edam, Rotterdam
100 bgs, 11,000 lbs, M Golodetz Co, Edam, Rotterdam
POTASH, CAUSTIC—241 dms, American Cyanamid & Chem Co, Deutschland, Hamburg
CHLORATE—1,600 cks, 395,230 lbs, Uniform Chem Prod Co, Deutschland, Hamburg
500 dms, 118,690 lbs, 600 cks, 148,236 lbs, Uniform Chem Prod Co, Nordlys, Hamburg
200 bbls, 25,377 lbs, International Selling Corp, Collamer, Havre
SULPHATE—30 bbls, N V Potash Export My, Nordlys, Hamburg
PYRETHRUM EXTRACT—1 cs, Sanyo, Kobe
FLOWERS—75 bls, McKesson & Robbins, Vulcania, Dubrovnik
125 bls, Henry S Grove, Mombasa
PYRIDIN—20 cans, Charles Hardy, Deutschland, Hamburg
QUASSIA CHIPS—536 bgs, Calamares, Kingston
QUEBRACHO EXTRACT—6,451 bgs, Tannin Corp, Urugauayo, Buenos Aires
QUICKSILVER—60 flasks, Panuco, Vera Cruz
QUINCE SEED—19 bgs, E Meer & Co, President Van Buren, Bombay
QUININE ETHYLCARBONATE—2 cs, New York Quinine & Chem Works, Edam, Rotterdam
QUINIDINE — 10 cs, New York Quinine & Chem Works, Edam, Rotterdam
RAPESEED—432 bgs, Silvercedar, Karachi
ROOT, MEDICINAL—6 bgs, 22 bls, J L Hopkins & Co, Vulcania, Trieste
ROSE LEAVES—20 bls, 4,400 lbs, Exchange, Casablanca
ROSEMARY LEAVES—105 bgs, 10,516 lbs, Exchange, Alicante
SABADILLA SEED—40 bgs, Peck & Velsor, Caracas, La Guaira
SAGE LEAVES—25 bls, Eli Lilly & Co, Vulcania, Trieste
SAGO FLOUR—373 bgs, Chase National Bank, Maron, Singapore
SALTCAKE—290 bgs, W R Grace & Co, Santa Lucia, Antofagasta
SESAME SEED—25 bgs, President Taft, Hongkong
117 bgs, President Van Buren, Bombay
SHELLAC—28 cs, A Hurst & Co, Deutschland, Hamburg
215 cs, Wm Zinsser & Co, American Merchant, London
GARNET LAC—20 bgs, Wm Zinsser & Co, American Merchant, London
SOAP BARK—259 bls, Duncan Fox & Co, Stella, San Antonio
SOAP—16 cs, Geo Silver Import Co, Normandie, Havre
6 cs, H Bendel, Normandie, Havre
11 cs, R F Downing & Co, Aquitania, Southampton
21 bbls, C A Redden, Collamer, Havre
MILLINGS—45 cs, Yardley & Co, American Merchant, London
STEARIC ACID—7 cs, Yardley & Co, American Merchant, London
SODA ARSENATE—Eimer & Amend, Manhattan, Hamburg
FLUORIDE—50 cks, 24,200 lbs, Royal Bank of Canada, Manhattan, Hamburg
HYDROSULPHITE—50 dms, 11,880 lbs, Deutschland, Hamburg
110 dms, 22,926 lbs, E Ritter, Deutschland, Hamburg
NITRATE—128,900 kilos, Chilean Nitrate Sales Corp, Stella, Tocopilla
8,491 bgs, Chilean Nitrate Sales Corp, Stella, Tocopilla
OXALATE—1 cs, Eimer & Amend, Manhattan, Hamburg
SILICOFLUORIDE—50 bgs, 11,000 lbs, Deutschland, Hamburg
100 bgs, American Cyanamid & Chem Co, Berlin, Bremen
200 bgs, President Van Buren, Genoa
URANATE—250 bbls, Central Trading Corp, Black Tern, Antwerp
SPONGES—12 bls, Oriente Havana
9 bls, American Sponge & Chamois Co, Santa Paula, Havana
83 bls, J H Rhodes & Co, Santa Paula, Havana
24 bls, Middleton & Co, Calamares, Kingston
STARCH, POTATO—25 bgs, Knickerbocker Mills Co, Edam, Rotterdam
50 bgs, C W Burckhalter, Edam, Rotterdam
250 bgs, Stein, Hall & Co, Edam, Rotterdam
SOLUBLE—50 bgs, 11,000 lbs, Deutschland, Hamburg
203 bgs, Stein, Hall & Co, Edam, Rotterdam
STROPHANTUS SEED—2 cs, American Merchant, London
TALC—210 bgs, C B Chrystal & Co, Independence Hall, Bordeaux
650 bgs, Whittaker, Clark & Daniels, Independence Hall, Bordeaux
100 bgs, L A Solomon & Bro, Independence Hall, Bordeaux
200 bgs, Silvercedar, Bombay
TALLOW—240 bbls, Manhattan, Hamburg
100 cks, California, Glasgow
124 bbls, Quaker City, Dublin
41 bbls, 1,870 cks, 928 dms, American Merchant, London
2 pipes, 58 bbls, 1,426 dms, American Shipper, Liverpool
TANKAGE—2,032 bgs, Uruguayo, Santos
2,000 bgs, Van Iderstine Co, Uruguayo, Buenos Aires
3,000 bgs, Uruguayo, Buenos Aires
509 bgs, Canadian Constructor, Wellington
TAPIOCA, FLAKE—1,056 bgs, Stine, Hall & Co, Maron, Sourabaya
FLOUR—500 bgs, Stine, Hall & Co, Silverwalnut, Batavia
827 bgs, Chase Natl Bank, Silverwalnut, Pasoeroean
55 bgs, Morningstar-Nicol, Silverwalnut, Pasoeroean
276 bgs, Guaranty Trust Co, Maron, Sourabaya
3,689 bgs, Stein, Hall & Co, Maron, Sourabaya
750 bgs, Maron, Sourabaya
250 bgs, Chase Natl Bank, Maron, Cheribon
1,008 bgs, Stein, Hall & Co, Maron, Cheribon
1,300 bgs, Stein, Hall & Co, Maron, Batavia
357 bgs, Stein, Hall & Co, Maron, Sourabaya
275 bgs, H P Winter & Co, Maron, Cheribon
THYME LEAVES—23 bgs, President Van Buren, Marseilles
TIMBO POWD—100 cs, Guaranty Trust Co, Coldbrook, Para
603 cs, Coldbrook, Para
TONKA BEANS—8 bls, Brown Bros-Harriman Co, Coldbrook, Para
8 bbls, Guaranty Trust Co, Coldbrook, Para
20 bbls, Coldbrook, Para
TUBA ROOT—11 bls, Silverwalnut, Singapore
10 bls, President Van Buren, Singapore
TURMERIC—45 bgs, Van Loan & Co, President Van Buren, Colombo
60 bgs, President Van Buren, Bombay
URANIUM NITRATE—20 cs, Central Trading Corp, Black Tern, Antwerp
OXIDE—50 bbls, Central Trading Corp, Black Tern, Antwerp
UVA URSI LEAVES—90 bls, 12,056 lbs, Exchange, Alicante
VANILLA BEANS—48 cs, Irving Trust Co, President Van Buren, Singapore
45 cs, Philadelphia National Bank, President Van Buren, Marseilles
35 cs, Irving Trust Co, President Van Buren, Marseilles
13 cs, National City Bank, President Van Buren, Marseilles
24 cs, President Van Buren, Marseilles
23 cs, Dodge & Olcott Co, Siboney, Vera Cruz
6 cs, Geo Lueders & Co, Siboney, Vera Cruz
3 cs, F Huber & Co, Siboney, Vera Cruz
WATTLE BARK—3,964 bls, Roesling, Monroe & Co, Henry S Grove, Mombasa
943 bgs, Henry S Grove, Durban
WAX, BEES — 5 seroons, Royal Bank of Canada, Ponce, Puerto Plata
130 bgs, D A Zarrilla, Panuco, Tampico
22 bgs, Panuco, Tampico
CANDELILLA — 390 bgs, D A Zorilla, Panuco, Tampico
345 bgs, M Argueso & Co, Panuco, Tampico
CARNAUBA—81 bgs, Bank of London, South America, Coldbrook, Bahia
34 bgs, Smith & Nichols, Coldbrook, Pernambuco
112 bgs, American Cyanamid & Chem Co, Coldbrook, Pernambuco
28 bgs, American Cyanamid & Chem Co, Aracaju, Rio Janeiro
MINERAL—5 bgs, General Dyestuff Corp, Edam, Rotterdam
MONTAN—475 bgs, Strohmeyer & Arpe Co, Deutschland, Hamburg
OZOKERITE—20 pkgs, 8,311 lbs, Heensoth, Pinckes & Kerner, Deutschland, Hamburg
50 bgs, 11,143 lbs, Strahl & Pitsch, Deutschland, Hamburg
100 bgs, Black Osprey, Rotterdam
VEGETABLE—758 bgs, Coldbrook, Para
100 cs, Mutsui & Co, Taihei, Kobe
WOODFLOUR—400 bgs, State Chem Co, Edam, Rotterdam
YEAST—140 bbls, Vulkan Yeast Co, Deutschland, Hamburg
189 kgs, P H Petry & Co, Deutschland, Hamburg
BREWERS—1 cs, Deutschland, Hamburg
ZINC OXIDE—1 cs, Firestone Fire & Rubber Co, Berlin, Bremen
150 bbls, American Cyanamid & Chem Co, President Van Buren, Marseilles
ZINC-AMMONIA CHLORIDE—21 cks, American Cyanamid & Chem Co, Gerolstein, Antwerp

New York Transit Imports

CHEMICALS—400 bgs, Edam, Rotterdam, Cleveland
GELATIN SHEETS—13 cs, American Express Co, Black Osprey, Rotterdam, Rochester
ISINGLASS—12 cs, Geo Sheldon & Co, American Merchant, London, Chicago
PAPRIKA—70 bgs, 10 cs, J H Forbes Tea & Coffee Co, Exchange, Alicante, St Louis
SPONGES—24 bls, Oriente, Havana, Havre
13 bls, Oriente, Havana, Bremen
72 bls, Santa Paula, Havana, Buenos Aires

Baltimore Imports

ALUMINUM POWDER—8 dms, Trans Seas Shipping Co, City of Baltimore, Hamburg
CADMIUM LITHOPONE—3 kgs, 1 bbl, Liberty, London
CALCIUM OXIDE—2 cs, City of Baltimore, Hamburg
CASEIN—250 bgs, Independence Hall, Havre
CHEMICALS—1,000 bgs, City of Baltimore, Bremen
233 cks, 400 bgs, Black Heron, Rotterdam
25 cks, Advance Solvents & Chemical Co, Black Heron, Rotterdam
CHROME ORE—800 tons, Express, Volo
GUM, TURPENTINE—25 cs, Exchester, Genoa
IRON, ORE—21,400 tons, Bethlehem Steel Co, Bethore, Cruz Grande
11,500 tons, Bethlehem Steel Co., Firmore, Daiquiri
21,900 tons, Bethlehem Steel Co, Lebore, Cruz Grande
3,701 tons, Bethlehem Steel Co, Jeff Davis, Whyalla
SAND—140 bgs, Liberty, Hull
MANGANESE ORE—7,000 tons, Robin Hood, Rio de Janeiro
8,140 tons, Electro Metallurgical Co, Willowpool, Takoradi
MINERAL WATER—200 cs, City of Baltimore, Bremen
OIL, OLIVE—1 dm, 65 cs, Exchester, Leghorn
PEATMOSS — 2,460 bbls, City of Baltimore, Bremen
PETROLEUM, CRUDE—75,042 bbls, Mexican Petroleum Corp, Adellen, Tampico
79,662 bbls, Standard Oil Co N J, Livingston Roe, Las Piedras
SAND, ILMENITE — 1,799 tons, Travancore Minerals Co, City of Lyons, Colachel
MONAZITE—1,400 bgs, Travancore Minerals Co, City of Lyons, Colachel
SILLIMANITE—20 bgs, Travancore Minerals Co, City of Lyons, Colachel
ZIRCON—10,000 bgs, City of Lyons, Colachel
SIENNA—50 dble bgs, E M & F Waldo, Exchester, Leghorn
TALC—275 bgs, Hammill & Gillespie, Independence Hall, Bordeaux
TURMERIC—40 bgs, City of Lyons, Alleppey

Boston Imports

ACID, CRESYLIC—45 dms, 9 tons, 18 cwt, 13 lbs, Quaker City, Liverpool
STEARIC—133 triple bgs, 10 tons, 6 cwt, 1 qtr, 9 lbs, Scythia, Liverpool
BLEACHING POWDER—253 cks, Ida, Naples
BRISTLES—3 cs, H Cone Co, Saint John, N B
CASSIA, SAIGON—25 bls, 2,875 lbs, Anna Maersk, Hongkong
CHEMICALS—100 cks, Ida, Trieste
250 bgs, Manufacturers' Chemical Co, Talisman, Gothenburg
21 bbls, 11,945 lbs, African Metals Corp, Black Heron, Antwerp
100 cks, Vulcania, Trieste
COCOANUT, DESICCATED — 200 pkgs, Co-operative Cocoanut Products, Inc, Tai Shan, Manila
COLOR, DRY, COMMON—2 cs, American Express Co, Scythia, Liverpool
EMERY, FILLET—2 cs, American Express Co, Quaker City, Liverpool
1 cs, John Hetherington & Sons, Scythia, Liverpool
1 cs, Joseph Sykes Bros, American Shipper, Liverpool
FISHLIVERS—1 cs, J A Rich, Yarmouth, Yarmouth
86 cs, from Nova Scotia
1 cs, J A Rich, Evangeline, Yarmouth
250 cs, Asano Bussan Co, Naruto, Yokohama
GLUE, HIDE GROUND—200 bgs, Vulcania, Trieste

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GLUESTOCK—2 bbls, Nova Scotia, Halifax
HIDE CLIPPINGS—672 bgs, Nova Scotia, Liverpool
GOLD THREAD—20 bgs, S B Penick & Co, Yarmouth, Yarmouth
GREASE, WOOL—140 bbls, 30 tons, 6 cwt, 2 qtrs, 11 lbs, Quaker City, Liverpool
2 dms, American Shipper, Manchester
GUM, ARABIC—100 bgs, 22,487 lbs, Matra, Port Sudan
50 bgs, 11,243 lbs, Brown Bros, Harriman & Co, Matra, Port Sudan
50 bgs, 11,243 lbs, Chase National Bank, Matra, Port Sudan
GYPSUM, CRUDE—5,650 tons, U S Gypsum Co, Gypsum Queen, Windsor
EGG YOLK HEN SPRAY—56 cs, Corn Exchange Bank & Trust Co, Naruto, Taku Bar
IRON OXIDE—20 dms, 100 bgs, Reichard Coulston, Nova Scotia, Liverpool
MEDICINAL PREPS—1 cs, Hong Jan, Anna Maersk, Hongkong
6 bdls, 25 cs, Foo Sun Co, Tai Shan, Hongkong
MICA SPLITTINGS—205 cs, Guaranty Trust Co, City of Johannesburg, Calcutta
200 cs, Matra, Calcutta
OIL—1 cs, J R Short Milling Co, American Shipper, Liverpool
COD—20 bbls, Marden Wild Corp, Yarmouth, Yarmouth
24 csks, White & Hodges, Nova Scotia, St John's, N F
163 csks, J S Bent & Co, Nova Scotia, Halifax
35 csks, from Nova Scotia
75 dms, White & Hodges, Nova Scotia, Halifax
150 dms, Marden Wild Corp, Nova Scotia, Halifax
200 dms, Toledo, Oslo
CODLIVER—300 dms, United Drug Co, Toledo, Aalesund
100 bbls, Tailby Nason Co, Toledo, Bergen
HALIBUT LIVER—10 cs, United Drug Co, Toledo, Bergen
OLIVE—1 dm, Bank of Athens, Vulcania, Trieste
PEANUT—2 csks, 20 cs, Foo Sun Co, Tai Shan, Hongkong
5 cs, Anna Maersk, Hongkong
PEANUTS—500 cs, Irving R Boody & Co, Naruto Maru, Kobe
PETROLEUM, CRUDE—72,322 bbls, 10,882 tons, Colonial Beacon Oil Co, S B Hunt, Las Piedras
ROOTS—27 bls, Vulcania, Trieste
SESAME SEEDS—50 cs, Anna Maersk, Hongkong
SHELLAC—110 bgs, Grace National Bank, Matra, Calcutta
REFUSE LAC—250 bgs, First National Bank, City of Johannesburg, Calcutta
SILICON CARBIDE SIKA—70 csks, American Abrasive Co, Toledo, Stavanger
SOAP, TOILET—1 cs, Lever Bros, Co, Scythia, Liverpool
1 cs, Lever Bros, Co, Nova Scotia, Liverpool
STARCH—5 cs, Foo Sun Co, Tai Shan, Hongkong
STERILIZER, INSTRUMENT—1 cs, Barnstead Still & Sterilizer Co, Tallsman, Gothenburg
TAPIOCA FLOUR—81 bgs, Silverwalnut, Pasoeroean
500 bgs, 111,251 lbs, Guaranty Trust Co, Maron, Cheribon
276 bgs, 56,136 lbs, Guaranty Trust Co, Maron, Sourabaya
WOODFLOUR—300 bgs, Toledo, Oslo
YEAST—4 pkgs, Wagner Fagan Yeast Co, Evangeline, Yarmouth
ZINC CHLORIDE—20 csks, 11,464 lbs, Philipp Bros, Black Heron, Antwerp

Corpus Christi Imports

OIL, FUEL — 27,069 bbls, Henry M Dawes, Smiths Bluff

Houston Imports

MUSTARD—51 cs, San Mateo, Antwerp
TALC—500 bgs, Montello, Genoa

Los Angeles Imports

ACID, ARSENOUS—11,200 lbs, Shunten, Kobe
CRESYLIC—22,300 lbs, Parthenia, London
AGAR AGAR—800 lbs, Sanyo, Kobe
200 lbs, Otawasan, Kobe
ALUM POTASH CHROME—3,740 lbs, Dinteldyk, Frankfort
AMMONIAC SAL—33,620 lbs, Wyoming, Hamburg
ARSENIC—11,200 lbs, Annie Johnson, Stockholm
BRISTLES—40 lbs, Otawasan, Kobe
CARAWAY SEED—3,850 lbs, Dinteldyk, Rotterdam
CARBON TETRACHLORIDE—2,210 lbs, Kosei, Tokyo
CASSIA—5,610 lbs, Hopecrest, Batavia
CHALK, CRUDE—224,000 lbs, Wyoming, London
373,740 lbs, Wyoming, Antwerp
CHARCOAL CRAYONS—160 lbs, Wyoming, Paris
CHEMICAL COMP—730 lbs, Narrito, Yokohama
1,200 lbs, Tanjo, Yokohama
CHILLIES—10,300 lbs, Kosei, Japan
10,000 lbs, Shunten, Japan
CLAY, ACTIVATED—33,070 lbs, Tacoma, Hamburg
COPRA—672,000 lbs, Hopecrest, Philippine Islands
MEAL—672,000 lbs, Hopecrest, Manila
CRYOLITE—11,460 lbs, Dinteldyk, Hamburg
DRUGS, CRUDE—3,720 lbs, President Hoover, Hongkong
DYES, HAIR—80 lbs, Shunten, Kobe
FERTILIZER—50,040 lbs, Shunten, Kobe
100,000 lbs, Shunten, Yokohama
92,200 lbs, Kosei, Yokohama
FISH MEAL—224,000 lbs, Shunten, Tokyo
GLASS, WINDOW—35 cs, 8,980 lbs, Wyoming, Brussels
GLUE—100 lbs, Dinteldyk, London
GUM, COPAL—22,760 lbs, Hopecrest, Macassar
INK, PRINTING—220 lbs, Tacoma, Berlin
LINSEED MEAL—50,000 lbs, Shunten, Nagoya
600,000 lbs, Shunten, Kobe
MEDICINAL PREPS—340 lbs, Shunten, Kobe
70 lbs, Tacoma, Bielefeld
10 lbs, Parcel Post, Hamburg
30 lbs, Parcel Post, Bielefeld
OIL, COTTONSEED — 646,330 lbs, President Hoover, Kobe
1,377,240 lbs, Dinteldijk, Amsterdam
KAPOKSEED—40,000 lbs, Kosei, Kobe
MINERAL—10,180 lbs, Tacoma, Antwerp
OLIVE—33,820 lbs, Cellina, Malaga
PERILLA—120,000 lbs, Kosei, Kobe
532,800 lbs, Shunten, Japan
RAPESEED—1,290 lbs, Sanyo, Yokohama
668,800 lbs, Shunten, Japan
1,270 lbs, Tohsei, Kobe
SOYBEAN—80 lbs, Taiyo, Yokohama
TEASEED — 53,200 lbs, President Hoover, Shanghai
PAINTS—20 lbs, Wyoming, Paris
PAPRIKA—13,200 lbs, Dinteldijk, Valencia
PEATMOSS—201,600 lbs, Dinteldijk, Bremen
112,000 lbs, Tacoma, Bremen
275,520 lbs, Nansenville, Malmo
PEPPER, BLACK—1,150 lbs, Dinteldijk, S S
POTASH, CAUSTIC—4,380 lbs, Annie Johnson, Gothenburg
SULPHATE—200,000 lbs, Tacoma, Hamburg
RAPESEED—20,000 lbs, Kosei, Kobe
RICE FLOUR—730 lbs, Shunten, Kobe
SALTCAKE—11,410 lbs, Dinteldijk, Frankfort
SARDINE MEAL—199,990 lbs, Shunten, Kobe
SESAME SEED—11,200 lbs, Hopecrest, Bombay
SILVERSAND—1,904,000 lbs, Wyoming, Antwerp
SOAP, POWD—60 lbs, Shunten, Kobe
TOILET—30 lbs, Dinteldijk, London
TAPIOCA FLOUR — 20,990 lbs, Hopecrest, Batavia
TAR, DEHYDRATED—50,760 lbs, Parthenia, London
TOILET PREPS—200 lbs, Tacoma, Prague
TUNGSTEN, PWD — 22,400 lbs, Parthenia, Liverpool
13,440 lbs, from Liverpool
VARNISH—60 lbs, Wyoming, Paris
WAX, CRUDE—2,200 lbs, Tacoma, Hamburg
WHITING—34,620 lbs, Tacoma, Copenhagen
ZINC OXIDE—4,400 lbs, Wyoming, Antwerp

New Orleans Imports

ACID, CRESYLIC—28 dms, American Cyanamid & Chem Co, West Tacook, Liverpool
76 dms, West Tacook, Liverpool
50 dms, West Tacook, Manchester
AMMONIA SULPHATE — 3,100 sks, United Fruit Co, West Tacook, Liverpool
BAUXITE ORE—2,585 tons, Republic Mining & Mfg Co, Dalvangen, Paramaribo
CHEMICALS—72 cks, Advance Solvents & Chem Corp, Osiris, Hamburg
100 dms, Osiris, Hamburg
COCONUTS—100 sks, Whitney Bank, Sixaola, Cristobal
IRON OXIDE—20 cks, J A McNaulty, West Tacook, Manchester
OIL, OLIVE—5 cs, Gansfjord, Santiago
PALM—520 tons, Guaranty Trust Co, Tabinta, Belawan Deli
510 tons, Tabinta, Belawan Deli
PAINT—24 cs, United Fruit Co, Sixaola, Cristobal
PETROLEUM, CRUDE — 80,000 bbls, Shell Petroleum Corp, Cardita, Tampico
TAPIOCA FLOUR—471 sks, National City Bank of N Y, Tabinta, Sourabaya
250 sks, Chase Natl Bank, Tabinta, Cheribon

Philadelphia Imports

ACETATE—1 bbl, Universal Transcontinental Co, Argosy, Copenhagen
ACID, CRESYLIC—61 dms, Barrett Co, Quaker City, Liverpool
154 dms, Quaker City, Liverpool
FATTY—150 cks, Spaarndam, Rotterdam
LINSEED OIL—300 dms, Spaarndam, Rotterdam
AMMONIA, SULPHATE—1,000 bgs, Spaarndam, Rotterdam
CARAWAY SEED—100 bgs, Spaarndam, Rotterdam
CASEIN—300 bgs, Chemical Bank & Trust Co, Independence Hall, St Nazaire
CHEMICAL—100 bgs, Brown Bros Harriman & Co, Inc, Isarco, Genoa
275 dms, 1 ck, Spaarndam, Rotterdam
CHINA CLAY—407 tons, 14 cwt, Paper Makers Importing Co, Oddvar, Fowey
207 tons, 15 cwt, John W Higman Co, Oddvar, Fowey
CHROME ORE—2,601 tons, 16 cwt, 2 qrts, 12 lbs, E J Lavino & Co, City of Swansea, Beira
1,618.42 tons, Cuban Industrial Ore Co, Baron Saltoun, Neuvitas
769 tons, 14 cwt, 3 qrts, 23 lbs, Philadelphia National Bank, Challenger, Lourenco Marques
1,074 tons, W R Grace & Co, Silvercedar, Munargo
CLAY, BALL—47 tons, 13 cwt, Paper Makers Co, Oddvar, Fowey
COALTAR DISTILLATE—15 dms, Quaker City, Liverpool
COCOA BEANS—1,600 bgs, Balfour, Guthrie & Co, West Lashaway, Accra
594 bgs, Superintendence Co, West Lashaway, Accra
1,600 bgs, Balfour, Guthrie & Co, West Lashaway, Winnebah
307 bgs, Superintendence Co, West Lashaway, Saltpond
600 bgs, Superintendence Co, West Lashaway, Grand Bassam
COCOANUT, DESSICATED—50 cs, Wilbur, Ellis & Co, Tai Shan, Davao
20 pkgs, Cooper Cocoanut and Products Co, Tai Shan, Manila
COCOANUTS—56 bgs, Edwards, Freeman, Barbara, San Juan
CORK, STRIPPED—463 bls, Chase National Bank, Exchester, Portimao
WASTE—2,812 bls, Exchester, Portimao
488 bls, Crown Cork & Seal Co, Inc, Ida, Algiers
FERROMANGANESE—81,280 kilos, Scanpenn, Gdynia
GAMBIER—680 cs, City of Lyons, Penang
GLUE—20 dbl bgs, J W Hampton, Jr & Co, Quaker City, Liverpool
204 bgs, Independence Hall, Havre
GYPSUM, CRUDE—2,950 tons, U S Gypsum Co, Gypsum, Windsor
IRON OXIDE—2 cks, Spaarndam, Rotterdam
MAGNESITE—35,346 bgs, Harbison, Walker Refactories Co, Ida, Trieste
MEDICINES—2 cs, Volkart Bros, Silvercedar, Bombay
MOLASSES—1,429,358 gals, North American Trading & Importing Co, Winnetou, Banes
MYROBALANS—3,790 bags, Guaranty Trust Co, Unicoi, Bombay
320 bags, Silvercedar, Bombay
NAPHTHALENE, CRUDE, HOT PRESSED—1,250 bags, J W Hampton, Jr, & Co, Argosy, Gdynia
1,250 bags, The Barrett Co, Argosy, Gdynia
147 bags, The Barrett Co, Quaker City, Liverpool
OIL, CHINAWOOD—215 dms, East Asiatic Co, Tar Shan, Shanghai
COCOANUT, CRUDE—514,491 tons, Silverwalnut, Cebu
HARLEM—10 bbls, Gold Medal Haarlem Oil Co, Spaarndam, Rotterdam
LINSEED, RAW—25 dms, Spaarndam, Rotterdam
OLIVE—350 cs, Isarco, Genoa
200 cs, Isarco, Leghorn
465 cs, Exchester, Leghorn
RAPESEED, REFINED—100 dms, Balfour, Guthrie & Co, Bordeaux Maru, Kobe
PEATMOSS—629 lbs, Premier Peat Moss Corp, Argosy, Copenhagen
150 bls, Premier Peat Moss Corp, Scanpenn, Copenhagen
400 bls, Halfmoon Mfg & Importing Co, Spaarndam, Rotterdam
340 bls, Premier Peat Moss Corp, Argosy, Copenhagen
308 bls, Premier Peat Moss Corp, Scanpenn, Copenhagen
PETROLEUM, CRUDE—91,308 bbls, Atlantic Refining Co, Permian, Las Piedras
RAPESEED—250 bgs, Spaarndam, Rotterdam
RESIN, LIQUID, DISTILLED—30 bbls, Scanpenn, Kotka
RICE FLOUR—400 pckts, Spaarndam, Rotterdam
SEED—11 bags, Exchester, Marseilles
STARCH, POTATO—250 bags, Guaranty Trust Co, Spaarndam, Rotterdam
TALC—500 bags, Whittaker, Clark & Daniel, Independence Hall, Bordeaux
TAPIOCA FLOUR—508 bags, New York Trust Co, Silverwalnut, Batavia
WATTLE BARK—1,000 bags, Tannin Corp, Challenger, Durban

Portland, Ore., Imports

GUM, COPAL—116 bskts, Hongkong & Shanghai Banking Corpn, Mapia, Macassar
OIL, CODLIVER—75 dms, Kinney Shipping Co, Granville, Oslo
25 dms, Hodgen-Brewster Centennial Milling Co, Granville, Oslo
10 dms, Security Sales Co, Granville, Oslo
PEATMOSS—250 bls, Wilson & George Meyer & Co, Granville, Oslo
PEPPER, BLACK—100 sks, Mapia, Oosthaven
TAPIOCA FLOUR—400 sks, Guaranty Trust Co of N Y, Mapia, Cheribon
713 sks, American Trust Co, Mapia, Sourabaya
SEEDS—50 sks, American Trust Co, Mapia, Sourabaya

San Francisco Imports

ACID, FLAKE—500 sks, Mitsubishi Shoji Kaisha, Kosei, Yokohama
AGAR AGAR—20 cs, Otto Sales Co, Kosei, Kobe
4 bls, Bank of California, N A, President Hoover, Kobe
ALCOHOL—2 dms, Elizalde & Co, Roseville, Manila
APRICOT KERNELS—15 cs, Ti Hang Lung & Co, General Sherman, Hongkong
ARGOLS—232 sks, American Cream Tartar Co, President Hayes, Naples
BONE MEAL—150 sks, Willits & Co, Cuzco, Callao
BRISTLES—10 cs, F E Wallace Sons, President Hoover, Shanghai
2 cs, H Cone & Co, President Hoover, Kobe
100 cs, National City Bank of N Y, President Hoover, Tientsin
55 cs, B C Ritchie & Co, President Hoover, Tientsin
42 cs, H Cone & Co, President Hoover, Tientsin
CALCIUM CHLORIDE—234 dms, H M Newhall & Co, Kosei, Kobe
TARTRATE—100 bgs, National Bank of Greece, President Hayes, Alexandria
638 bgs, Banca Coml Italiana & Creca, President Hayes, Alexandria
CASSIA—100 bls, S H Tyler & Son, General Sherman, Hongkong
50 bls, H M Newhall & Co, President Hoover, Hongkong
118 bls, A Schilling & Co, President Hoover, Hongkong
CHEMICALS—50 sks, Royal Bank of Canada, President Hayes, Genoa
CINNAMON QUILLS—25 bls, D Hecht & Co, President Hoover, Hongkong
COALTAR, CRUDE—50 dms, Maunganui, Wellington
REFINED—50 dms, Maunganui, Wellington
COCOA BEANS—100 sks, Vandel Commercial Co, American Traveler, Cristobal
COCONUT, DESIC — 10 cs, Wood & Selick, Roseville, Manila
589 cs, Balfour, Guthrie & Co, General Sherman, Manila
841 cs, Durkee Famous Foods, General Sherman, Manila
50 cs, Getz Bros, President Hoover, Manila
2,205 cs, Wood & Selick, President Hoover, Manila
600 cs, J E Lowden, President Hoover, Manila
2,495 cs, Durkee Famous Foods, President Hoover, Manila
2,634 cs, Philippine Desiccated Coconut Corp, President Hoover, Manila
2,400 cs, Franklin Baker Co, President Hoover, Manila
COCONUTS — 120 sks, Pacific Coconut Co, Maunganui, Papeete
CODFISH MEAL—2,000 sks, Taylor Milling Corp, Kosei, Yokohama
COPRA—400 tons, Durkee Famous Foods, Roseville, Siain
100 tons, Durkee Famous Foods, Roseville, Dumaguete and Cebu
150 tons, R J Reesling & Co, Roseville, Cebu
250 tons, El Dorado Oil Works, Roseville Dumaguete (for Oakland)
3,971 bgs, Maunganui, Rarotonga
250 tons, Best Foods, Illinois, Cebu
462 tons, El Dorado Oil Works, Illinois, Legaspi (for Oakland)
300 tons, El Dorado Oil Works, Illinois,, Tabaco (for Oakland)
MEAL—211 sks, C B Jennings Co, President Hoover, Manila
4,000 sks, Snow Brokerage Co, President Hoover, Manila
65 sks, Adolph Schumann, Roseville, Manila
EGG YOLK, HEN, DRIED—112 cs, David L Moss & Co, General Sherman, China
46 cs, Grace Natl Bank, General Sherman, Shanghai
112 cs, Bridges, Neumer & Co, President Hoover, Tientsin
FERTILIZER—1,600 sks, International Trading Co, Kosei, Yokohama
GUM COPAL—50 sks, Henry W Peabody & Co, Roseville, Singapore
36 sks, G W S Patterson & Co, General Sherman, Manila
78 sks, France, Campbell & Darling, General Sherman, Manila
67 sks, Chase Natl Bank, President Hoover, Manila
267 sks, Manufacturers Trust Co, President Hoover, Manila
HONEY—2,640 lbs, Manukai, Honolulu
INK—2 cs, Hinomoto & Co, General Sherman, Yokohama
1 cs, Hatanaka Co, General Sherman, Yokohama
KELP—16 cs, Oakland Food Products Co, President Hoover, Yokohama
POWDERED—7 cs, Oakland Food Products Co, President Hoover, Yokohama
LARD, VEGETABLE—1,000 tins, M S Cowen Co, President Hoover, Manila
LINSEED MEAL—4,000 sks, Balfour, Guthrie & Co, Kosei, Kobe
2,000 sks, Taylor Milling Corp, Kosei, Yokohama
LITHOPONE—1 cs, Chemical & Pigment Co, Maunganui, Sydney
MARGARIN, VEGETABLE—1,000 cs, David B Berelson, President Hoover, Manila
MEDICINAL PREPS—2 cs, Ti Hang Lung & Co, General Sherman, Hongkong
50 cs, F S Samamaki & Co, President Hoover, Yokohama
MOLASSES—1,212,000 lbs, Makawao, Ahukini
2,000,000 lbs, Maunawili, Honolulu
1,000,000 lbs, Malama, Ahukini
1,600,000 lbs, Manukai, Honolulu
800 tons, Manoa, Hilo
OIL, CASSIA—20 dms, Bingham & Co, President Hoover, Hongkong
CHINAWOOD—160 dms, East Asiatic Co, President Hoover, Shanghai
135 tons, S L Jones & Co, President Hoover, Shanghai
COTTONSEED—200 dms, Pacific Vegetable Oil Corpn, Kosei, Kobe
350 dms, Durkee Famous Foods, Kosei, Kobe
EUCALYPTUS—1 cs, H M Newhall & Co, Kosei, Kobe
PALM—348 tons, Roseville, Belawan
PERILLA—350 dms, W R Grace & Co, General Sherman, Kobe
150 dms, W R Grace & Co, General Sherman, Yokohama
645 tons, Mitsui & Co, Illinois, Dairen
450 dms, Pacific Vegetable Oil Corpn, Kosei, Kobe
250 dms, S L Jones & Co, Kosei, Kobe
900 dms, Kosei, Kobe
1,500 dms, Mitsui & Co, President Hoover, Kobe
350 dms, S L Jones & Co, President Hoover, Kobe
149 tons bulk, S L Jones & Co, President Hoover, Kobe
PEANUT—200 cs, Ti Hang Lung & Co, General Sherman, Hongkong
VEGETABLE—3 cs, Wm J Horstman, General Sherman, Kobe
3 cs, D Hecht & Co, General Sherman, Kobe
10 cs, Mutual Supply Co, Kosei, Yokohama
100 cs, Fujimoto Co, President Hoover, Kobe
OILCAKE MEAL—30 sks, S L Jones & Co, Kosei, Kobe
PARAFFIN, REFD—255 sks, Patterson Shipping Co, Roseville, Palembang (for Alameda)
PITCH—5 dms, Maunganui, Wellington
RAPESEED MEAL—125 sks, C B Jennings & Co, Kosei, Kobe
SALTPETER—1,000 sks, Chilean Nitrate Sales Corpn, Cuzco, Iquique
SARDINE MEAL—3,000 sks, Taylor Milling Corpn, Kosei, Yokohama
SESAME SEED—150 sks, East Asiatic Co, President Hoover, Hongkong
360 sks, N V Loring, President Hoover, Shanghai
SODA CYANIDE—448 dms, Kosei, Yokohama
NITRATE—1,000 sks, Chilean Nitrate Sales Corpn, Cuzco, Tocopilla
STARCH—20 cs, Fung Chong, General Sherman, Hongkong
STEARIN, FLAKE—100 sks, Otis, McAllister & Co, Kosei, Yokohama
TALLOW—4 bbls, Maunawili, Hilo
1 cs, S L Jones & Co, Maunganui, Sydney
26 bbls, Tupman, Thurlow & Co, Maunganui, Sydney
1 dm, 1 csk R K Davidson, Maunganui, Wellington
TAPIOCA FLAKE—84 sks, S H Tyler & Con, Roseville, Batavia
PEARL—54 sks, Phillips Products Co, Roseville, Batavia
SIFTINGS—70 sks, S H Tyler & Con, Roseville, Batavia
TOILET PREPS—1 cs, Diamaru Co, General Sherman, Yokohama
2 cs, Yorozu Co, General Sherman, Yokohama
VANILLA BEANS—1 cs, China Pacific Co, Maunganui, Papeete
15 cs, Williams Dimond & Co, Maunganui, Papeete
WATER, MINERAL—2 cs, Pacific Trading Co, Kosei, Kobe
WAX, VEGETABLES—25 cs, H M Newhall & Co, Kosei, Kobe

Seattle Imports

ACID, CRESYLIC—119 dms, American Cyanamid & Chemical Corpn, Pacific Reliance, Manchester
GLASS, WINDOW — 4 cs, Pacific Reliance, Manchester
GUM, COPAL—193 bskts, Anglo-California National Bank, Mapia, Macassar
OIL, CODLIVER—625 dms, Girdwood Shipping Co, Granville, Oslo
PEPPER, BLACK—82 sks, Mapia, Oosthaven
TAPIOCA FLAKE—17 sks, American Trust Co, Mapia, Sourabaya
FLOUR—557 sks, American Trust Co, Mapia, Sourabaya
368 sks, Mapia, Sourabaya

Tacoma Imports

PEATMOSS—100 bls, Wilson & George Meyer & Co, Granville, Oslo
TAPIOCA FLOUR—112 sks, American Trust Co, Mapia, Sourabaya

Tampa Imports

BONE MEAL—3,360 sx, Osiris, Hamburg
RECENT EXPORTS FROM U. S. PORTS

Exports from U.S. Ports

New York Exports

Clearance Dates

American Farmer, July 3; American Importer, July 3; Berengaria, July 2; Bergensfjord, July 3; Black Eagle, July 3; Black Gull, July 3; Blankaholm, July 7; Britannic, June 26; Brosund, June 27; Calliope, July 7; Castor, July 3; Cauto, July 1; Clan Morrison, July 3; Coamo, July 2; Colombia, July 2; Conte Savoia, July 2; Europa, July 7; Executive, June 30; Falcon, June 17; Fort Townshend, June 26; Franconia, June 26; General Gassouin, July 8; Hamburg, July 1; Hansa, July 8; Ile de France, July 3; Ilsenstein, July 3; Kirishima, July 1; Laconia, July 3; Leise Maersk, July 2; Minnequa, June 12; Nankai, June 30; Oriente, July 3; Oriskany, June 25; Orizaba, June 18; Pan America, July 3; Pennland, June 27; Pilsudski, July 6; Pipestone County, June 27; Platano, July 3; Queen Mary, July 7; Ramo, June 26; R Barnes Fierts, July 3; San Jacinto, July 3; Santa Rita, June 26; Sarcoxie, July 7; Sheridan, July 8; Siboney, June 25; St Louis, July 2; Svaneholm, June 18; Toloa, July 3; Tonsbergfjord, July 7; Transylvania, July

CLEARANCE DATES (Continued):—
2; Tuscaloosa City, July 3; Washington, June 30; West Cawthon, July 1; Yucatan, July 2; Zarembo, July 3

ACETONE—2,640 lbs, Minnequa, Helsingfors
METHYL—8,800 gls, Brosund, London
ACID, CHROMIC—6,020 lbs, Nankai, Kobe
CITRIC—123 lbs, Toloa, Panama City
SULPHURIC — (West Cawthon) 2,200 lbs, East London; 4,400 lbs, Port Elizabeth
TARTARIC POWD—650 lbs, Toloa, Callao
ALCOHOL, ISOPROPYL — 6,600 gls, Leise Maersk, Buenos Aires
ALUMINA OXIDE—2,000 lbs, Hansa, Hamburg
AMMONIA—20,005 lbs, Zarembo, Monrovia
ASPHALT—27,658 lbs, Hamburg, Hamburg; 53,105 lbs, American Importer, Liverpool; 4,506 lbs, West Cawthon, Capetown; 61,776 lbs, Pipestone County, Havre; 25,740 lbs, Clan Morrison, Port Natal; 110,441 lbs, Europa, Bremen
CRUDE—459,335 lbs, Tonsbergfjord, Valencia
LIQUID—46,608 lbs, American Farmer, London; 5,649 lbs, Transylvania, Glasgow
SOLID—21,921 lbs, Svaneholm, Helsingfors
BAKING POWDER — 10,050 lbs, Platano, Santiago

BABASSU CAKE—112,887 lbs, Washington, Havre
BENZOL—1,100 gls, Sheridan, Para
BLACK, BONE—6,480 lbs, Britannic, London
BLOOD, DRIED—44,200 lbs, Minnequa, Helsingfors
BLUE, ULTRAMARINE — 6,780 lbs, Cauto, Tampico
BONEMEAL—22,971 lbs, American Importer, Liverpool
CHALK, PRECIP—4,080 lbs, Britannic, London
CALCIUM CHLORIDE—28,010 lbs, Cauto, Tampico
CHEMICALS — 849 lbs, Hamburg, Hamburg; 3,004 lbs, Pennland, Antwerp; 3,709 lbs, Britannic, London; 7,825 lbs, Tonsbergfjord, Marseilles; 17,715 lbs, Black Gull, Basle
CLAY—40,000 lbs, Bergensfjord, Oslo; 10,080 lbs, Hansa, Hamburg
CLEANING COMP — 1,530 lbs, Berengaria, Southampton; 7,855 lbs, American Farmer, London; 5,460 lbs, Franconia, Liverpool
COALTAR, INTERMEDIATES—3,898 lbs, Hamburg, Hamburg; 654 lbs, Svaneholm, Malmo; 18,010 lbs, Orizaba, Vera Cruz
COLOR, DRY—4,708 lbs, Pan America, Santos; 368 lbs, Britannic, London
CORN, FLOUR—1,415 lbs, Ramo, St Thomas; 1,415 lbs, Oriskany, Santiago; (Tuscaloosa City) 83,895 lbs, Manila; 38,775 lbs, Cebu; 41,595 lbs, Iloilo
SUGAR—20,300 lbs, American Importer, Manchester; 4,060 lbs, Black Eagle, Rotterdam; 4,568 lbs, Bergensfjord, Oslo; 48,720 lbs, Black Gull, Antwerp
SYRUP—10,750 lbs, Falcon, San Juan; 3,072 lbs, Platano, Puerto Barrios; (West Cawthon) 11,499 lbs, East London; 49,765 lbs, Port Natal; 22,515 lbs, Clan Morrison, Port Natal; 840 lbs, Toloa, Panama City
DEXTRIN, CORN—1,523 lbs, Toloa, Kingston
DIMETHYLAMINE — 2,563 lbs, Black Eagle, Rotterdam
DRUGS—3,462 lbs, American Farmer, London
DYES—72,845 lbs, American Importer, Liverpool; (Washington) 5,526 lbs, Havre; 849 lbs, Hamburg; 1,796 lbs, Toloa, Puerto Colombia
ETHYLENEDIAMINE — 4,200 lbs, American Farmer, London
FERROCOLUMBIUM—38,799 lbs, Bergensfjord, Saude
FERTILIZER — 3,445 lbs, Ramo, Grenada; 112,000 lbs, Oriente, Havana
FIRECLAY—36,040 lbs, Svaneholm, Gothenburg
FLOTATION REAGENT—3,440 lbs, Bergensfjord, Trondhjem
FUEL, ANTIKNOCK — 1,790 gls, Executive, Genoa
GASOLINE—13,750 gls, Clan Morrison, Port Natal; 10,000 gls, Sheridan, Ceara
GLASS, PLATE—18,000 lbs, West Cawthon, Port Natal; 31,820 lbs, Svaneholm, Malmo; 53,795 lbs, American Farmer, London
ROLLED—12,817 lbs, Britannic, London
GLUE — 588 lbs, Berengaria, Southampton; 4,026 lbs, Leise Maersk, Buenos Aires
GLYCERIN—9,345 lbs, Pan America, Buenos Aires
GREASE, ANIMAL—88,797 lbs, Black Eagle, Rotterdam
LUBRICATING—(Nankai) 5,772 lbs, Yokohama; 25,390 lbs, Osaka; 11,489 lbs, Ilsenstein, Antwerp; 16,651 lbs, Minnequa, Copenhagen; 3,451 lbs, Castor Ciudad; 109,316 lbs, Hamburg, Hamburg; 5,046 lbs, Platano, Santiago; (West Cawthon) 2,375 lbs, East London; 2,400 lbs, Capetown; 7,330 lbs, Washington, Havre; 11,662 lbs, Pipestone County, Bordeaux; 7,840 lbs, Ramo, Guira; 30,110 lbs, Yucatan, Vera Cruz; 112,075 lbs, Brosund, London; (Svaneholm) 4,734 lbs, Malmo; 2,148 lbs, Malmo; 23,686 lbs, Stockholm; 22,552 lbs, American Farmer, London; 3,607 lbs, Black Eagle, Rotterdam; 160,887 lbs, Britannic, London; 18,247 lbs, Franconia, Liverpool; 3,839 lbs, Queen Mary, Plymouth; 7,599 lbs, Executive, Vienna; 9,759 lbs, Oriskany, Santiago; 3,511 lbs, Sheridan, Para; (Tonsbergfjord) 9,849 lbs, Lisbon; 30,773 lbs, Barcelona; 1,463 lbs, Bergensfjord, Oslo; 122,185 lbs, Hansa, Hamburg; 62,250 lbs, Sarcoxie, Dunkirk
INSECTICIDE—2,306 lbs, Falcon, San Juan; 8,600 lbs, San Jacinto, San Juan
AGRICULTURAL—12,140 lbs, Minnequa, Helsingfors; 840 lbs, American Farmer, London
HOUSEHOLD—9,604 lbs, Falcon, La Guayra
LACQUER—3,720 lbs, Nankai, Yokohama
PASTE—8,250 lbs, Brosund, London
THINNER—1,250 gls, Pan America, Montevideo; (West Cawthon) 1,000 gls, Capetown; 1,375 gls, Port Elizabeth
LARD — 11,811 lbs, Minnequa, Gothenburg; 4,151 lbs, Berengaria, Southampton; 51,088 lbs, American Importer, Liverpool; (Platano) 5,900 lbs, Caimanera; 26,000 lbs, Santiago; 55,280 lbs, Pennland, Antwerp; 59,100 lbs, American Farmer, London; 18,088 lbs, Franconia, Liverpool; 7,875 lbs, Oriskany, Manzanillo; 174,585 lbs, Hansa, Hamburg
LEAD ARSENATE—22,017 lbs, Castor, Puerto Plata
LIME PHOSPHATE — 25,954 lbs, Sarcoxie, Havre
LINSEED CAKE—280,014 lbs, Brosund, London; 450,927 lbs, Black Gull, Antwerp; 25,954 lbs, Sarcoxie, Havre
MEAL—(Ramo) 337,050 lbs, Barbados; 256,410 lbs, Trinidad; 25,200 lbs, San Fernando
LUBRICANTS—38,754 lbs, Blankaholm, Malmo
MAGNESIA CHLORIDE, ANHYD—16,458 lbs, Britannic, London
MANGANESE ORE, CONCEN — 105,000 lbs, American Farmer, London
NAPHTHA—(Zarembo) 14,000 gls, Bathurst; 750 gls, Monrovia; 15,000 gls, Port Bouet; 15,000 gls, Saltpond; 20,250 gls, Lome; 2,000 gls, Abonema; 10,000 gls, Calabar; 10,000 gls, Opobo
OIL, CASTOR—11,063 lbs, Washington, Havre; 7,595 lbs, American Farmer, London; 6,398 lbs, San Jacinto, San Juan
COCONUT—18,323 lbs, Coamo, Trujillo
COD, TECH—40,750 lbs, Bergensfjord, Bergen
CORN—2,102 lbs, Falcon, La Rosa; 1,820 lbs, West Cawthon, Lourenco Marques; (Clan Morrison) 4,502 lbs, Capetown; 450 lbs, Mossel Bay; 3,750 lbs, Port Elizabeth; 3,750 lbs, Port Natal; 1,950 lbs, Lourenco Marques; 2,712 lbs, Beira; 12,899 lbs, San Jacinto, San Juan
CYLINDER—(General Gassouin) 945 tons, Rotterdam-Hamburg; 620 tons, St Louis du Rhone
EDIBLE—1,281 lbs, Platano, Porto Barrios; 1,425 lbs, Toloa, Porto Colombia
ESSENTIAL—1,019 lbs, Hamburg, Hamburg; 2,150 lbs, American Farmer, London; 1,339 lbs, Britannic, London; 417 lbs, Sarcoxie, Havre
ESSENTIAL RESIDUE—2,122 lbs, Britannic, London
FLOTATION—1,100 gls, Tonsbergfjord, Casablanca
GAS—(Zarembo) 1,375 gls, Bathurst; 1,650 gls, Lome
LUBRICATING—(Ilsenstein) 6,161 gls, Antwerp; 1,100 gls, Brussels; (Minnequa) 6,950 gls, Copenhagen; 21,000 gls, Czechoslovakia; (Ile de France) 5,225 gls, Bordeaux; 78,288 gls, Havre; (Falcon) 3,300 gls, La Rosa; 2,125 g's, La Guayra; 9,710 gls, Fort Townshend, St Johns; 1,650 gls, Castor, Ciudad; 68,675 gls, Hamburg, Hamburg; (Nankai) 6,325 gls, Yokohama; 18,700 gls, Kobe; 5,300 gls, Moji; 2,750 gls, Pan America, Rio de Janeiro; (West Cawthon) 2,100 gls,

OIL, LUBRICATING (Continued):—
Mombasa; 3,025 gls, Beira; 1,750 gls, East London; 8,150 gls, Lourenco Marques; 27,845 gls, Port Natal; (Washington) 2,730 gls, Havre; 550 gls, Hamburg; (Pipestone County) 6,300 gls, St Nazaire; 1,899 gls, Nantes; 19,950 gls, Bordeaux; 20,370 gls, St Louis, Hamburg; 1,375 gls, American Importer, Liverpool; (Zarembo) 1,375 gls, Dakar; 5,500 gls, Accra; 2,970 gls, Lome; 3,410 gls, Port Harcourt; 5,525 gls, American Farmer, London; 9,576 gls, Britannic, London; 6,760 gls, Laconia, Liverpool; (Franconia) 6,290 gls, Calcutta; 30,870 gls, Liverpool; 21,665 gls, Orizaba, Vera Cruz; 8,450 gls, Yucatan, Vera Cruz; 21,715 gls, Pennland, Antwerp; 11,763 gls, Brosund, London; (Svaneholm) 1,650 gls, Gothenburg; 2,675 gls, Stockholm; (Sheridan) 1,715 gls, Para; 2,000 gls, Pernambuco; (Tonsbergfjord) 8,337 gls, Lisbon; 2,012 gls, Leixoes; 3,850 gls, Barcelona; 4,872 gls, Marseilles; 2,100 gls, Algiers; 1,050 gls, Bone; 3,780 gls, Oran; 1,050 gls, Philippeville; 15,210 gls, Bergensjord, Oslo; 4,675 gls, Executive, Marseilles; (Hansa) 39,018 gls, Hamburg; 1,554 gls, Prague; (Blankaholm) 2,090 gls, Malmo; 2,100 gls, Stockholm; 33,180 gls, Sarcoxie, Dunkirk; 2,300 gls, Toloa, Panama City; (General Gassouin) 110 tons, Rotterdam; 1,925 tons, Rotterdam-Hamburg; 1,260 gls, Hamburg; 11,565 gls, Siboney, Vera Cruz; 7,340 gls, Cauto, Tampico; 2,960 gls, Oriskany, Santiago; 7,425 gls, San Jacinto, San Juan; (Santa Rita) 7,700 gls, Callao; 2,695 gls, Antofagasta
MINERAL—6,510 gls, Pennland, Antwerp
OLEO—5,588 lbs, American Importer, Liverpool; 47,811 lbs, American Farmer, London; 7,077 lbs, Black Eagle, Rotterdam; 47,259 lbs, Britannic, London; 20,265 lbs, Franconia, Liverpool; 13,268 lbs, Queen Mary, Southampton; 14,170 lbs, Black Gull, Antwerp
PEPPERMINT—420 lbs, Hamburg, Hamburg; 2,439 lbs, St Louis, Hamburg; 3,681 lbs, Britannic, London
PINE—7,713 lbs, American Importer, Manchester; 7,560 lbs, Svanlholm, Abo
RED—26,569 lbs, Pennland, Antwerp
SALAD—5,600 lbs, Coamo, San Juan
SPINDLE—300 tons, General Gassouin, Rotterdam or Hamburg
TANNING—3,061 lbs, Hamburg, Hamburg
TRANSFORMER—250 gls, West Cawthon, Port Natal
VALVE—(General Gassouin) 860 tons, Rotterdam-Hamburg; 620 tons, St Louis du Rhone
WORMSEED—578 lbs, Franconia, Liverpool; 1,814 lbs, American Farmer, London; 11,000 gls, Canto, Tampico
ORTHONITROTOLUENE—39,239 lbs, Minnequa, Gothenburg
PAINT—33,000 lbs, Nankai; Kobe, 4,640 lbs, Pan America, Montevideo; (West Cawthon) 4,669 lbs, Capetown; 76,964 lbs, Port Elizabeth; 25,608 lbs, Ramo, Guira; 2,548 lbs, Pennland, Antwerp; 8,518 lbs, Britanic, London; (Colombia) 14,476 lbs, Porto Colombia; 6,923 lbs, Cristobal; 8,012 lbs, Black Gull, Antwerp
COPPER—2,317 lbs, Minnequa, Gothenburg
ENAMEL—21,214 lbs, Minnequa, Stockholm
PALM KERNELS—226,240 lbs, Hamburg, Hamburg
PARAFFIN—22,200 lbs, Hamburg, Hamburg; 22,548 lbs, American Importer, Manchester; 32,298 lbs, Brosund, London; 75,524 lbs, Conte Savoia, Genoa; 11,943 lbs, Britannic, London; 18,345 lbs, Franconia, Liverpool; 44,480 lbs, Toloa, Cartagena; 22,200 lbs, Europa, Bremen; 5,562 lbs, Bergensfjord, Oslo
PECTIN—624 lbs, American Farmer, London
PETROLATUM—40,806 lbs, American Importer, Liverpool; 18,250 lbs, St Louis, Hamburg
PETROLEUM, REFD — (Falcon) 1,000 gls, Aruba; 1,500 gls, Curacao; (Castor) 12,500 gls, Puerto Plata; 15,000 gls, Ciudad; (Zarembo) 2,000 gls, Dakar; 2,250 gls, Bathurst; 11,000 gls, Monrovia; 5,000 gls, Port Bouet; 20,200 gls, Keta; 20,250 gls, Lome; 12,000 gls, Abonema; 30,000 gls, Calabar; (San Jacinto) 5,000 gls, San Pedro; 5,000 gls, Ponce
PHARMACEUTICAL PREPS—8,120 lbs, American Farmer, London
POTASH, BICHROMATE—19,365 lbs, Minnequa, Helsingfors
CAUSTIC — 57,008 lbs, American Importer, Liverpool
SULPHATE—11,110 lbs, Hamburg, Hamburg
QUININE—968 lbs, Washington, Hamburg
RESIN, COALTAR—2,590 lbs, American Farmer, London
SYNTHETIC—(American Importer) 11,566 lbs, Liverpool; 2,680 lbs, Manchester; 8,704 lbs, Britannic, London; 8,775 lbs, Franconia, Liverpool
ROOTS, DRIED—2,600 lbs, Britannic, London
ROSIN—7,973 lbs, Pipestone County, Havre; 3,561 lbs, Britannic, London
SODA, ASH—(West Cawthon) 2,870 lbs, Capetown; 4,070 lbs, Port Elizabeth; 39,650 lbs, Port Natal; 9,756 lbs, Coamo, Trujillo; 56,615 lbs, Yucatan, Vera Cruz
BICARBONATE—51,760 lbs, West Cawthon, Capetown; 34,515 lbs, Yucatan, Vera Cruz; 9,916 lbs, Toloa, Puerto Colombia; 24,420 lbs, Colombia, Cristobal
BROMIDE—1,330 lbs, Svaneholm Stockholm
CAUSTIC — 172,800 lbs, Kirishima, Osaka; 4,300 lbs, West Cawthon, Capetown; 17,960 lbs, Coamo, Trujillo; 45,285 lbs, Yucatan, Vera Cruz; 24,280 lbs, Leise Maersk, Buenos Aires
CYANAMIDE—60 dms, Nankai, Yokohama
PHOSPHATE, TRI — 22,624 lbs, Britannic, London
PYRO PHOSPHATE—50,350 lbs, Franconia, Liverpool
SAL—5,625 lbs, Platano, Guantanamo
SILICATE—4,040 lbs, San Jacinto, San Juan
SOLVENTS—6,682 lbs, Nankai, Kobe; 58,590 lbs, Britannic, London; 40,315 lbs, American Farmer, London
SPRUCE EXTRACT—24,162 lbs, Nankai, Yokohama
STARCH—2,820 lbs, Canto, Tampico
CORN—508 lbs, Platano, Porto Barrios; 2,494 lbs, Coamo, Trujillo; 32,162 lbs, Brosund, London; 7,050 lbs, American Farmer, London; (Zarembo) 1,250 lbs, Santa Cruz; 2,514 lbs, Las Palmas; 1,000 lbs, Oriskany, Santiago
POTATO—21,150 lbs, Orizaba, Vera Cruz
STEARIN, PITCH—20,362 lbs, Bergensfjord, Oslo
TAR—111,152 lbs, Hamburg, Hamburg
SUPERPHOSPHATE—3,100,000 lbs, R Barnes, Fiertz, Wallaceburg
TALC—44,800 lbs, Franconia, Liverpool; 24,640 lbs, Laconia, Liverpool
TALLOW—10,058 lbs, Coamo, Trujillo
TANNING EXTRACT—2,580 lbs, Pan America, Buenos Aires; 9,915 lbs, West Cawthorn, Port Natal
MATERIAL—15,532 lbs, Pan America, Montevideo
TOBACCO EXTRACT—60,795 lbs, Europa, Bremen
TURPENTINE—350 gls, Fort Townshend, St Johns; (Clan Morrison) 2,490 gls, Capetown; 2,000 gls, Port Natal
VARNISH—2,122 lbs, Svaneholm, Gothenburg; 1,526 lbs, American Farmer, London
WITCH HAZEL EXTRACT—4,907 lbs, Washington, Havre; 3,080 lbs, Brosund, London; 4,917 lbs, Britannic, London
ZINC DUST—3,815 lbs, Zarembo, Takoradi
OXIDE—2,268 lbs, Sarcoxie, Havre
ZIRCONIUM OXIDE—6,952 lbs, Pan American, Buenos Aires

Baltimore Exports

Clearance Dates

Capillo, July 3; City of Havre, July 2; Hokuroku Maru, July 8; Malaren, July 7; San Lucas, July 6

ASBESTOS REFUSE—(City of Havre) 2,200 lbs, Malmo; 5,200 lbs, Hamburg
ASPHALT, SOLID—11,769 lbs, City of Havre, London
CADMIUM LITHOPONE—4,384 lbs, City of Havre, London
CLEANING COMPOUND—927 lbs, City of Havre, Levallois Perret
POWDER—64 lbs, San Lucas, Guayaquil
COPRA CAKE—(Malaren) 806,000 lbs, Stockholm; 224,000 lbs, Norrkoeping
DYESTUFF—1,000 lbs, Hokuroku, Yokohama
GLASS FRIT, CRSHD—2,200 lbs, City of Havre, London
GREASE, LUBRICATING—2,376 lbs, San Lucas, Panama; 62,667 lbs, Hokuroku, Osaka
INSECTICIDE—10 gals, Capillo, Rio Janeiro; 12 gals, San Lucas, San Jose
LICORICE PASTE—3,000 lbs, Malaren, Gothenburg
OIL, PEPPERMINT—3,900 lbs, City of Havre, London
POLISH, AUTO—67 lbs, City of Havre, Paris
METAL—(San Lucas) 306 lbs, Guayaquil; 384 lbs, Coco Solo
SHOE—252 lbs, City of Havre, Havre
POTASH, BICHROMATE—2,205 lbs, City of Havre, Memel
SODA, ALUMINATE—957 lbs, City of Havre, London
BICHROMATE—3,307 lbs, City of Havre, London
TITANIUM LITHOPONE—4,409 lbs, City of Havre, Havre

Beaumont Exports

Clearance Dates

C I P July 6; Cymbeline, July 5

PETROLEUM, CRUDE—73,975 bbls, Cymbeline, Montreal; 8,500 tons, C I P, Havre

Boston Exports

Clearance Dates

Capulin, July 2; Evangeline, July 1, 3, 7; Hokuroku, July 4; Lady Nelson, July 4; Mathura, July 3; Saint John, June 30, July 3

ALUMINA OXIDE—3 bxs, 77 kegs, 3,995 bgs, 420,448 lbs, Mathura, London
ASBESTOS FIBER—1,800 bgs, Hokuroku, Kobe
BRISTLES—1 cs, 146 lbs, Saint John, St John
CEMENT, BELT—1 dm, 77 lbs, Mathura, London
CAN—30 dms, 1,530 lbs, Hokuroku, Yokohama; 25 dms, 1,412 lbs, Capulin, London
RUBBER—7 bbls, 351 gls, to Philippines
CLAY—246 bbls, 28 tons, Mathura, London
CLEANING COMP—6 crts, to Hawaii
DRESSING, BELT—20 dms, 780 lbs, Mathura, London
LEATHER—1 bbl, 300 lbs, Capulin, Leicester
GLUE, FISH—10 bbls, 5,402 lbs, Capulin, London
PHOTO-ENGRAVING—3 bbls, 173 gls, Capulin, London; 10 cs, 270 lbs, Capulin, Hamburg
INK, PRINTING—100 dms, 44,104 lbs, Capulin, Dundee; 6 cs, 908 lbs, to Philippines
SHOE—2 dms, 3 bbls, 160 gls, to Japan
STAMP—1 bx, 12 lbs, Mathura, London
WRITING—6 ctrns, to Hawaii; 10 cs, 120 bxs, 3,673 lbs, to China
LINING COMP — (Capulin) 15 dms, 645 lbs, Gothenburg; 16 dms, 7,392 lbs, Odense; 6 dms, 2,612 lbs, Havre
MEDICINAL PREP'S—1 cs, 27 lbs, to Hawaii
MUCILAGE—1 cs, 137 lbs, to China
OIL, LUBRICATING—5 dms, 272 gls, Evangeline, Yarmouth; (Saint John) 4 dms, St John; 6 dms, Charlottetown
PINETAR—1 dms, 55 gls, Saint John, St John, N B
TAR—5 dms, 275 gls, Saint John, St John, N B
PARAFFIN—255 bgs, 56,610 lbs, to China
POLISH, SHOE—1 cs, 60 lbs, to China; 2 bxs, 66 lbs, Evangeline, Halifax; 3 cs, 39 lbs, Mathura, London
STOVE—(Saint John) 50 cs, 1,698 lbs, St John; 3 bxs, 315 lbs, Moncton
PUTTY—3 dms, 3,000 lbs, to Philippines; 1 pl, 12 lbs, Yarmouth, Yarmouth
SOAP, MEDICATED—2 cs, 315 lbs, to Hawaii
TALC—1 cs, 36 lbs, to Hawaii
TANNING EXTRACT—1 bbl, 475 lbs, Mathura, London
TOILET PREP'S—1 crtn, Evangeline, Halifax
TURPENTINE, GUM—10 dms, 3,920 lbs, Saint John, St John
VANILLA BEANS—2 cs, 208 lbs, Saint John, St John
WAX, LIQ—2 dms, 90 gls, to Philippines
SEALING—1 cs, 57 lbs, to China; 2 cs, 596 lbs, Capulin, London

Corpus Christi Exports

Clearance Dates

Caroline Maersk, June 27; Gianna M, June 18

PETROLEUM, CRUDE—55,876 bbls, Gianna M, Italian ports; 86,599 bbls, Caroline Maersk, Gothenburg

Galveston Exports

Clearance Dates

Genevieve Lykes, July 6; Recco, July 1

OIL, FUEL—8,000 tons, Recco, Italian ports
POTASH—750 tons, Genevieve Lykes, San Juan

Houston Exports

Clearance Dates

Brandywine, July 1; Mantilla, July 4; Ragnhildsholm, July 6; Solsten, July 3; Torborg, July 6

BLACK, CARBON — (Ragnhildsholm) 70 cs, Oslo; 223 cs, Gdynia
GASOLINE—56,000 bbls, Brandywine, Havana; 7,100 tons, Solsten, England
LUBRICANTS—360 pkgs, Brandywine, Havana
OIL, GAS—(Torborg) 2,500 tons, Antwerp; 4,500 tons, Hamburg; 500 tons, Ragnhildsholm, Kalman
PAINTS—146 pkgs, Brandywine, Havana
PETROLEUM, CRUDE—8,400 tons, Mantilla, Montreal

Los Angeles Exports

Clearance Dates

Attila, June 29; Berganger, July 1; Chichibu, June 29; Golden Coast, July 5; Knute Nelson, July 2; Kosei, June 27; Kwansai, June 28; La Placentia, July 2; Manju, June 30; Monterey, June 24; Otowasan, June 29; Pacific Ranger, June 29; Peter Maersk, June 28; President Lincoln, July 7; Roxen, June 29; Sandar, July 3; Santa Paula, June 27; Selma City, June 29; Silverguava, June 26; Silveryew, June 30; Sysla, June 6; Tachibana, July 1; Waiotopu, June 24; Willmoto, June 26

ACID, BORIC—(Monterey) 295 pkgs, 33,040 lbs, Sydney; 135 pkgs, 15,680 lbs, Melbourne; 100 pkgs, 11,200 lbs, President Lincoln, Hongkong; 10 cks, 2,240 lbs, Waiotopu, Wellington; (Kosei) 907 sx, 100,000 lbs, Yokohama; 2,676 sx, 370,110 lbs, Osaka; (Roxen) 20 bgs, 2,240 lbs, Adelaide; 49 bgs, 5,490 lbs, Brisbane; (Berganger) 400 bgs, 44,800 lbs, Havre; 400 bgs, 44,800 lbs, Nantes; 15 bgs, 1,680 lbs, Golden Coast, Melbourne
SULPHURIC—2,450 lbs, President Lincoln, Manila
AMMONIA BENZOATE — 2,500 lbs, Golden Coast, Melbourne
ASPHALT, CRUDE—40,180 lbs, Peter Maersk, Yokohama
BORATE—(Monterey) 2,040 pkgs, 215,160 lbs, Sydney; 830 pkgs, 85,830 lbs, Melbourne; 1,160 bgs, 164,250 lbs, Kwansai, Osaka; 4,905 bgs, 784,780 lbs, Selma City, London; (Knute Nelson) 730 bgs 133,430 lbs, Gdynia; 3,560 bgs, 617,650 lbs, Liverpool; 5,443 pkgs, 575,110 lbs, London
BORAX—(Monterey) 541 pkgs, 60,590 lbs, Sydney; 315 pkgs, 35,280 lbs, Melbourne; 500 bgs, 56,000 lbs, Kwansai, Yokohama-Osaka; 130 bgs, 14,560 lbs, Waiotopu, Wellington; (Roxen) 150 bgs, 16,000 lbs, Adelaide; 240 sx, 26,880 lbs, Brisbane; 140 bgs, 15,680 lbs, Newcastle; 1,000 sx, 111,250 lbs, Chichibu, Osaka; 1,000 bgs, 112,000 lbs, Knute Nelson, Liverpool; (Golden Coast) 50 bgs, 5,600 lbs, Melbourne; 10 bgs, 1,120 lbs, Wellington
POWDERED—99 bgs 11,090 lbs, Knute Nelson, Oslo
BLACK, CARBON—72,400 lbs, Monterey, Sydney
CASEIN—150 lbs, Golden Coast, Melbourne
CLAY—8,600 lbs, Golden Coast, Melbourne
DECOLORIZING—33,600 lbs, Monterey, Melbourne
FILTER—20 bgs, 2,240 lbs, President Lincoln, Shanghai
COLOR, DRY—4,880 lbs, Monterey, Melbourne; 6,000 lbs, Silveryew, Manila
GASOLINE—2,000 cs, 160,000 lbs, Silverguava, Cebu; (Attila) 30,000 bbls, 783,000 lbs, Manila; 18,829 bbls, 4,914,370 lbs, Cebu; 1,000 dms, 6,000 bbls, 1,901,640 lbs, Saigon; 8,070 bbls, 2,106,270 lbs, Hongkong; 500 cs, 40,000 lbs, Silveryew, Manila; 79,096 bbls, 20,644,060 lbs, Sysla, Yokohama; 73,776 bbls, 19,255,540 lbs, James Hawson, Antwerp
GLUCOSE—21,300 lbs, Monterey, Auckland; 10,530 lbs, Golden Coast, Wellington
GREASE, LUBRICATING — 3,200 lbs, Silverguava, Singapore; 5 dms, 2,230 lbs, Monterey, Sydney; 1,270 lbs, Golden Coast, Auckland
GYPSUM—1,120 sx, 112,000 lbs, Golden Coast, Auckland
GUM, CHICLE—30,660 lbs, Monterey, Sydney
KARAYA—2,600 lbs, Golden Coast, Melbourne
GYPSUM—414,400 lbs, Monterey, Auckland
INFUSORIAL EARTH—2,240 bgs, 224,000 lbs, Silverguava, Calcutta; 500 bgs, 49,280 lbs, Willmoto, Ponce; 200 bgs, 20,160 lbs, Santa Paula, Havana; (Roxen) 30 bgs, 3,000 lbs, Sydney; 22 bgs, 2,240 lbs, Melbourne; (Selma City) 112 bgs, 11,200 lbs, London; 560 bgs, 56,000 lbs, Liverpool; (Pacific Ranger) 900 bgs, 85,000 lbs, Manchester; 1,035 bgs, 103,100 lbs, London; 21 dms, 4,900 lbs, Berganger, Havre; 22 bgs, 2,240 lbs, Golden Coast, Melbourne
KEROSENE—(Silverquava) 1,500 cs, 127,500 lbs, Semarang; 60 cs, 51,000 lbs, Belawan; 5,000 cs, 425,000 lbs, Cebu; 300 dms, 107,730 lbs, Roxen, Sydney; (Attila) 13,598 bbls, 3,875,430 lbs, Cebu; 14,000 bbls, 3,990,000 lbs, Saigon; (Golden Coast) 200 cs, 17,000 lbs, Sydney; 150 cs, 12,750 lbs, Wellington; 315 cs, 25 dms, 35,630 lbs, Auckland
DISTILLATE—83,729 bbls, 23,611,580 lbs, Sandar, Curacao; 20,120 bbls, 5,673,840 lbs, Caroni River, Curacao
LARD—26,830 lbs, Willmoto, Porto Rico
MINERAL SPTS—30 dms, 300 cs, Roxen, Melbourne; 75 dms, 27,080 lbs, Silveryew, Shanghai; 100 cs, 4 dms, 11,540 lbs, Golden Coast, Auckland
OIL, CASTOR—940 lbs, Golden Coast, Melbourne
DIESEL—38,286 bbls, 8,825,230 lbs, Manju, Osaka; 12,240 bbls, 3,818,880 lbs, Kosei, Osaka; 38,328 bbls, 11,958,340 lbs, Otowasan, Tsurumi; 1,441 bbls, 449,590 lbs, Peter Maersk, Hongkong; 23,489 bbls, 7,328,570 lbs, Velma, Antofagasta
ESSENTIAL—800 lbs, President Lincoln, Manila; (Golden Coast) 900 lbs, Melbourne; 250 lbs, Wellington
FUEL—26,892 bbls, 8,888,440 lbs, Manju, Osaka; 33,868 bbls, 11,278,040 lbs, Otowasan, Tsurumi; 24,211 bbls, 8,062,260 lbs, La Placentia, Vaucouver; 60,037 bbls, 19,992,320 lbs, Velma, Tocopilla
GAS—(Silverguava) 3,000 bbls, 906,000 lbs, Manila; 4,014 bbls, 1,212,230 lbs, Cebu
LEMON—400 lbs, Kwansai, Osaka; 2,500 lbs, Pacific Ranger, London; 500 lbs, Berganger, Havre
LINSEED—9,000 lbs, President Lincoln, Manila
LUBRICATING—14 dms, 6,980 lbs, Silverquava, Singapore; 15 cs, 17 dms, Santa Paula; Ciudad; (Monterey) 15 dms, 7,370 lbs, Sydney; 10 dms, 5,040 lbs, Melbourne; 26 cs, 8 dms, 6,480 lbs, Golden Coast, Auckland
SPEARMINT—1,170 lbs, Monterey, Sydney
POTASH, MURIATE—1,000 bgs, 224,000 lbs, Chichibu, Yokohama
ROSIN, GUM—7,500 lbs, Wariotopu, Wellington; (Golden Coast) 5,000 lbs, Bluff; 25,000 lbs, Wellington
SODA, ASH—75 pkgs, 20,500 lbs, Santa Paula, Havana; (Monterey) 181 bgs, 22,400 lbs, Sydney; 59 bgs, 11,210 lbs, Melbourne; (Golden Coast) 59 bgs, 11,210 lbs, Wellington; 118 bgs, 22,420 lbs, Auckland; 142 bgs, 26,980 lbs, Auckland
TALC—60 pkgs, 6,000 lbs, Santa Paula, Havana; 40 sks, 4,480 lbs, Roxen, Adelaide
TITANIUM DIOXIDE—2,400 lbs, Golden Coast, Melbourne
TOLUL—110 lbs, Golden Coast, Melbourne
TURPENTINE—7 dms, 3,390 lbs, Monterey, Auckland; 28,000 lbs, Waiotopu, Wellington
VARNISH—2,250 lbs, President Lincoln, Manila

Mobile Exports

Clearance Dates

Austvangen, July 2; Brynje, July 3; Lindvangen, July 6

CHEMICALS—1 bx, Lindvangen, Georgetown

OIL, FUEL—1,199 bbls, Lindvangen, Paramaribo
PINE—300 dms, Brynje, Vancouver
ROSIN—(Austvangen) 10 dms, Puerto Cabello; 30 dms, La Guaira; (Brynje) 130 dms, 40 bbls, Vancouver; 100 dms, Victoria; 10 dms, Lindvangen, Port of Spain
SCOURING COMP—30 cs, Lindvangen, Georgetown
TURPENTINE—(Austvangen) 2 dms, Puerto Cabello; 10 cs, La Guaira; (Brynje) 54 dms, Vancouver; 100 dms, Victoria; 5 dms, Lindvangen, Kingston

New Orleans Exports

Clearance Dates

Alberta, June 17; Atlantida, May 5, 19; Baja California, May 1; Burgerdijk, July 2; Cefalu, May 26; Contessa, May 12; Dakarian, June 28; Gansfjord, May 6; Hoegh Merchant, June 27; Jolee, June 30; Louisiane, June 29; Lysefjord, May 12; Metapan, May 7; Morazan, May 7, 21; Nemaha, June 30; Oakwood, June 17; Oilreliance, June 29; Ragnhildsholm, June 25; Sangstad, June 22; Santa Marta, May 4, 14; Sixaola, May 11; St Mary, May 14, 28; Syros, June 19; Tabinta, July 7; Topeka, July 7; Wawa, May 7, 14, 29

ACID, BORIC—50 sks, Morazan, Vera Cruz; 160 sks, St Mary, Vera Cruz
ASPHALT—30 tons, Oakwood, London; 54 tons, Louisiane, Havre; 115 dms, St Mary, Tampico; (Burgerdijk) 10 tons, London; 5 tons, Rotterdam; 25 tons, Nemaha, Rotterdam; (Jolee) 5 tons, Dublin; 5 tons, Avonmouth
BAKING POWDER — 100 ctns, Lysefjord, Puerto Castilla
BLACK, CARBON—36 tons, Dakarian, Manchester; 160 sks, Tabinta, Batavia; 37 cs, Gdynia; (Hoegh Merchant) 113 tons, Kobe; 5 tons, Osaka; 70 tons, Oakwood, London; (Louisiane) 40 tons, Havre; 9 tons, Dunkirk; 16 tons, Antwerp; 10 cs, 2,400 sks, St Mary, Vera Cruz; (Burgerdijk) 14 tons, London; 4 tons, Rotterdam; 8 tons, Amsterdam; 1 ton, Bombay; (Nemaha) 11 tons, Havre; 5 tons, Antwerp; 2 tons, Rotterdam; (Ragnhildsholm) 115 cs, Gothenburg; 1 cs, Helsingfors; 100 cs, Stockholm; (Jolee) 208 tons, Glasgow; 4 tons, Dublin; 10 tons, Avonmouth
BONE—20 bbls, Metapan, Antofagasta
BORAX—(St Mary) 1 ton, Tampico; 400 sks, Vera Cruz
CALCIMINE—1 ton, Gansfjord, Santiago
CALCIUM CARBIDE—50 sks, Morazan, Vera Cruz
CATTLE DIP—25 dms, St Mary, Tampico
CLAY—27 tons, Louisiane, Havre; 600 sx, St Mary, Vera Cruz; 27 tons, Dakarian, Liverpool
GROUND—54 tons, Oakwood, London
COALTAR—5 dms, Cefalu, Puerto Colombia
COCOA WASTE—81 tons, Nemaha, Rotterdam
CORNSTARCH — 415 tons, Dakarian, Manchester
COTTONSEED—7 sx, Santa Marta, Corinto
MEAL—12 sx, Lysefjord, Puerto Castilla
DISTILLATE—10 dms, Atlantida, Ceiba
EARTH, INFUSORIAL—3,200 sx, St Mary, Tampico
MINERAL—2 tons, Burgerdyk, London
FERTILIZER—(Gansfjord) 20 sx, Kingston; 2,117 sx, Tela; 423 sx, Puerto Castilla; 1 ton, Metapan, Balbao; 6 sx, Lysefjord, Kingston
FIRECLAY—5 tons, Syros, Barcelona; 37 tons, St Mary, Vera Cruz; 43 tons, Metapan, Havana; 59 tons, Lysefjord, Santiago
FULLER'S EARTH—10 sx, Atlantida, Ceiba; 160 sx, Metapan, Callao; 1,200 sx, St Mary, Tampico
GASOLINE—(Wawa) 590 dms, 50 cs, Puerto Cabezas; 700 dms, Ceiba; 10 dms, 25 cs, Baja California, Bluefields; (Gansfjord) 50 dms, Puerto Barrios; 20 dms, Livingston; 300 cs, 12 dms, Tela; 100 dms, 200 cs, Puerto Castilla; 3,500 tons, Oilreliance, Thameshaven; (Lysefjord) 200 dms, Puerto Barrios; 260 dms, 300 cs, Puerto Cortez; 200 dms, Puerto Castilla
GREASE, LUBRICATING—5 qtr dms, Topeka, Oslo; 15 bbls, 5 dms, 20 cs, 10 hf dms, Metapan, Havana; 5 dms, 5 hf dms, St Mary, Vera Cruz
GYPSUM—5 bbls, St Mary, Vera Cruz
INFUSOPIAL EARTH—3,200 sx, St Mary, Tampico
INK—8 dms, Metapan, Havana
KEROSENE—(Atlantida) 60 cs Puerto Cabezas; 9 dms, 75 cs, Ceiba; 75 cs, 15 dms, Baja California, Bluefields; (Gansfjord), 400 cs, 60 dms, Kingston; 5 dms, Livingston; 50 cs, Puerto Castilla; 75 cs, Metapan, Puerto Limon; 30 cs, Cefalu, Puerto Cabezas; (Lysefjord), 400 cs, Kingston; 10 dms, Puerto Cortez; 250 cs, Puerto Castilla; 12 dms, Santa Marta, Puerto Limon
LARD—(Atlantida) 780 dms, Havana; 200 crts, Arica; 4 tons, Puerto Cabezas; 200 tins, 125 dms, Gansfjord, Santiago; (Metapan), 775 tins, 575 dms, 10 cs, Havana; 1,100 tins, Puerto Limon; 400 tins, Guayaquil; (Cefalu), 80 dms, 4 crts, Havana; 900 tins, Panama; 375 dms, 150 crts, Lysefjord, Santiago; (Santa Marta), 700 tins, 785 dms, Havana; 150 tins, Panama
LEATHER DRESSING—6 tons, St Mary, Vera Cruz
LICORICE—1 ton, St Mary, Vera Cruz
LIME PHOSPHATE—22 tons, Jolee, Dublin; 8 bbls, St Mary, Tampico
LUBRICANTS—3 tons, St Mary, Tampico; 78 pkgs, Ragnhildsholm, Oslo
METHANOL—22 tons, Nemaha, Havre
MOLASSES—(Topeka) 5 bbls, Abo; 5 bbls, Copenhagen
OIL, FUEL—(Wawa), 300 bbls, Alvaro Obregon; 500 bbls, Ceiba; 50 dms, Baja California, Bluefields; 20 dms, Gansfjord, Puerto Barrios
LUBRICATING—(Topeka) 25 cs, Oslo; 115 dms, Gothenburg; (Atlantida), 18 dms, Puerto Cabezas; 15 dms, Ceiba; 500 dms, Valparaiso; (Louisiane), 177 tons, Havre; 16 tons, Dunkirk; 12 tons, Antwerp; 4 dms, Baja California, Bluefields; 75 dms, Sangstad, Yokohama; (Metapan), 5 dms, Havana; 5 dms, Talcahuano; 55 dms, Ragnhildsholm, Stockholm; 21 tons, Jolee, Glasgow; 110 dms, 30 qtr dms, St Mary, Vera Cruz; (Santa Marta), 65 dms, Havana; 2 dms, 10 cs, 10 qtr dms, Puerto Colombia; 56 tons, Alberta, Fiume
PALM—76 dms, Wawa, Ceiba
PINE—3 dms, Metapan, Havana
REFINED—50 dms, Gansfjord, Belize; 50 cs, Santa Marta, Puerto Limon
PAINT—2 tons, Morazan, Vera Cruz; 50 kegs, Contessa, Panama City; 10 dms, Cefalu, Ceiba; 2 tons, St Mary, Vera Cruz; 6 dms, Sixaloa, Puerto Barrios; 15 bbls, Santa Marta, Panama
PARAFFIN—50 tons, Nemaha, Antwerp
PETROLEUM—24 tons, Louisiane, Dunkirk
PINETAR—2 tons, Nemaha, Rotterdam; 10 dms, Morazan, Vera Cruz; 8 dms, St Mary, Vera Cruz; 15 dms, Santa Marta, Havana
ROSIN—500 dms, Tabinta, Batavia; (Topeka) 600 bbls, Gothenburg; 575 dms, Gdynia; (Atlantida) 80 dms, Valparaiso; 50 dms, Talcahuano; 250 dms, Valparaiso; (Hoegh Merchant) 31 tons, Yokohama; 17 tons, Osaka; (Metapan) 40 dms, Puerto Limon; 101 dms, Buenaventura; 200 dms, Cefalu, Valparaiso; 250 bbls, Ragnhildsholm,
ROSIN (Continued):—
Gothenburg; (Santa Marta) 15 dms, Puerto Limon; 90 dms, 200 sks, Puerto Colombia; 200 dms, Buenaventura; 50 bbls, Sangstad, Osaka
GUM—30 dms, Atlantida, Buenaventura; 30 tons, Contessa, Havana; (Metapan) 160 bbls, Panama; 180 bbls, Cartagena; 50 bbls, 100 sks, Puerto Colombia; 130 dms, Cefalu, La Guaira
WOOD—5 dms, Sixaola, Puerto Barrios; 200 dms, Santa Marta, Havana
SALT—5 bbls, Baja California, Bluefields; (Gansfjord) 1 ton, Kingston; 2 tons, Belize; (Atlantida) 75 tons, Havana; 3 tons, Puerto Cabezas; 25 tons, Metapan, Havana; 4 tons, Cefalu, Puerto Cabezas; (Lysefjord) 5 tons, Santiago; 1 ton, Puerto Castilla; (Santa Marta) 417 sks, Puerto Barrios; 25 tons, Havana; 30 tons, Contessa, Havana
SHRIMP BRAN—80 sks, Metapan, Cristobal
SILICA SAND—40 sx, Santa Marta, Callao
SOAP—500 ctns, Cefalu, Puerto Cabezas; 50 dms, Ragnhildsholm, Gothenburg
SODA ASH—25 bbls, Contessa, Conlon; 5 bbls, Atlantida, Ceiba
CAUSTIC—25 dms, Wawa, Alvaro Obregon
NITRATE—500 sx, Wawa, Ceiba
SULPHATE—24 bbls, St Mary, Tampico
SOYBEAN CAKE—2,508 sx, Topeka, Gothenburg-Stockholm
FLOUR—12 sx, Tabinta, Batavia; 30 sx, Ragnhildsholm, Oslo
MEAL—600 sx, Atlantida, Havana; 18 tons, Jolee, Belfast; 101 tons, Burgerdijk, Amsterdam
STARCH—203 tons, Oakwood, London; 1 ton, Jolee, Dublin; 300 sx, St Mary, Vera Cruz
CORN—415 tons, Dakarian, Manchester
STEARIN—210 sx, Santa Marta, Havana
SULPHUR—267 sx, Morazan, Vera Cruz
TALLOW, INED—10 trcs, Cefalu, Havana
TAR—20 dms, Morazan, Vera Cruz
TURPENTINE — 25 dms, Contessa, Havana; (Atlantida) 20 cs, Salaverry; 100 cs, Valparaiso; 3 dms, 8 cs, Metapan, Havana; 325 cs, Cefalu, Valparaiso
VARNISH—7 dms, Morazan, Vera Cruz
WAHOO ROOT—1 ton, Oakwood, London
WAX—66 tons, Dakarian, Manchester; 204 sx, Topeka, Klaipeda; 92 tons, Oakwood, London; (Metapan) 60 sx, Havana; 60 sx, Callao; 304 sx, Pimentel; 303 tons, Syros, Venice
FLOOR—1 ton, Morazan, Vera Cruz

Philadelphia Exports

Clearance Dates

Black Eagle, June 29; Blankaholm, July 2; Capillo, July 7; Clan Morrison, July 7; Cliffwood, July 3; Freienfels, July 3; Hokuroku Maru, July 6; Isarco, July 9; Isis, July 9; Maasdam, July 2; Olympia, July 3; Port Auckland, July 2; San Marcos, July 8; Sarcoxie, July 3; Siamese Prince, July 6; Tonsbergfjord, July 2

ALCOHOL, BUTYL—9 dms, Blankaholm, Gothenburg
ALUMINAM SULPHATE—500 bags, Blankaholm, Oslo; 1,500 bags, San Marcos, Barranquilla
BLACK, BONE—76 pkgs, Port Auckland, Sydney
CARBON—10 dms, Clan Morrison, East London
BUTYL, ACETATE—20 dms, Blankaholm, Gothenburg
CEMENT, FIBER—(Black Eagle)—2 dms, Antwerp; 1 dm, Amsterdam
RUBBER—(Black Eagle) 3 dms, Antwerp; 1 pail, Amsterdam
CLEANING COMP—26 ctns, San Marcos, Colon
COCOA, CAKE—1,149 pkgs, Maasdam, Amsterdam
COLORS, COALTAR—4 bbls, 5 pails, Blankaholm, Norrkoping
CORN SYRUP—4 dms, 1 bx, Cliffwood, Heisingfors
COTTON LINTERS—1 bale, Blankaholm, Stockholm
DEODORANTS—1 ctn, Tonsbergfjord, Tangier
DYEWOOD EXTRACT—6 dms, Cliffwood, Stockholm
ENAMEL—6 bxs, 74 kits, Tonsbergfjord, Barcelona
ETHYL, FLUID—50 pkgs, Maasdam, Rotterdam; 20 dms, Sarcoxie, Havre
FERRITES—107 bbls, Capillo, Buenos Ayres
FUEL, MOTOR—20 dms, Cliffwood, Stockholm
GASOLINE—(Clan Morrison) 1,700 cases, Cape Town; 800 bbls, Mossel Bay; 100 cases, Port Elizabeth; 100 cases, East London; 2,500 cases, Lourenco Marques
GLUE, FLEXIBLE—15 bxs, Cliffwood, Stockholm
GREASE, LUBRICATING—2 dms, Tonsbergfjord, Gijon; (Port Auckland) 42 pkgs, Sydney; 20 pkgs, Melbourne; 80 pkgs, Adelaide; 8 pkgs, Maasdam, Rotterdam; 5 dms, Black Eagle, Antwerp; (Clan Morrison) 90 dms, 150 cases, 265 bkts, Cape Town; 25 dms, 115 cases, 150 bkts, Mossel Bay; 15 dms, 60 cases, 75 bkts, Port Elizabeth; 15 dms, 55 cases, 75 bkts, East London; 70 dms, 155 cases, 310 bkts, Port Natal; 95 dms, 165 cases, 40 bkts, 130 pkgs, Lourenco Marques; 20 dms, Hokuroku, Osaka; (Isis) 163 dms, Hamburg; 6 cs, Santa Cruz de Teneriffe
INSECTICIDE, LIQ—5 dms, Tonsbergfjord, Lisbon
ISO OCTANE—1 case, Cliffwood, Helsingfors
LICORICE, MASS—25 cases, Port Auckland, Melbourne; 25 cases, Sarcoxie, Havre; 9 cases, Isis, Hamburg
MINERAL SPIRITS—1,500 cs, Capillo, Santos; (Clan Morrison) 50 cs, 75 bbls, Capetown; 5 cs, Mossel Bay; 25 cs, 10 bbls, Port Elizabeth; 100 bbls, Port Natal; 1 cs, Lourenco Marques
OIL, COCOANUT, SULPH—2 bbls, Hokuroku, Tokio
ILLUMINATING—1,000 cs, Montevideo; (Clan Morrison) 100 cs, Port Elizabeth; 100 cs, East London; 2,400 cs, Lourenco Marques
LUBRICATING—(Tonsbergfjord) 5 bbls, Vigo; 15 bbls, Santander; 10 bbls, Corunna; 10 dms, Bilbao; 10 bbls, Malaga; 25 bbls, 15 dms, Gijon; 81 pkgs, Leixoes; 269 pkgs, Lisbon; 40 dms, 206 pkgs, Casablanca; 12 pkgs, Tangiers; 4 pkgs, Ceuta; 30 pkgs, Melilla; 2 pkgs, Gilbraltar; 50 bbls, Valencia; 130 bbls, 236 dms, Barcelona; 250 bbls, Marseilles; 44 pkgs, Saigon; (Olympia) 130 pkgs, Gijon; 222 pkgs, Valencia; 150 pkgs, Barcelona; 32 pkgs, Seville; 177 pkgs, Madrid; 160 pkgs, Bilbao; (Port Auckland) 348 pkgs, 25 dms, Sydney; 2,087 pkgs, 15 bbls, Melbourne; 602 pkgs, 50 dms, Adelaide; 240 pkgs, Raboul; 55 pkgs, Hobart; 5 pkgs, Townsville; 116 pkgs, Brisbane; 20 pkgs, Geelong; 40 pkgs, Launceston; 165 pkgs, Maasdam, Rotterdam; (Sarcoxie) 650 bbls, Havre; 385 bbls, Dunkirk; 165 pkgs, 4 dms, Black Eagle, Antwerp; (Freienfels) 1,255 pkgs, Durban; 688 pkgs, East London; 601 pkgs, Port Elizabeth; 700 pkgs, Capetown; 5,401 pkgs, Lourenco Marques; 2,252 pkgs, Beira; 175 pkgs, Diego Suarez; 108 pkgs, Majunga; 320 pkgs, Tulear; 125 pkgs, Nossi-Be; 145 bbls, Cliffwood, Stockholm; (Blankaholm) 45 pkgs, Helsinki; 490 pkgs, Malmo; 40 bbls, 881 pkgs, Stockholm; 20 bbls, 136 pkgs, Norrkoping; 56 pkgs, Helsingfors; 42 pkgs, Sundsvall; 907 pkgs, Gothenburg; 27 dms, Capillo, Montevideo; (Clan Morrison) 595 dms, 110 cs, Cape-
OIL, LUBRICATING (Continued):—
town; 59 dms, 40 cs, Mossel Bay; 200 dms, 51 cs, Port Elizabeth; 15 dms, 75 cs, 1 bx, East London; 487 dms, 123 cs, 75 pkgs, 1 bx, Port Natal; 741 cs, 735 dms, 7 pkgs, Lourenco Marques; (Siamese Prince) 1,484 pkgs, Manila; 340 pkgs, Cebu; 206 pkgs, Iloilo; 20 pkgs, Hongkong; 930 pkgs, Shanghai; (Hokuroku) 231 dms, 1 cs, Osaka; 100 dms, Osaka or Kobe; 120 dms, 10 pkgs, Kobe; 40 pkgs, Moji; (San Marcos) 10 dms, Balbao; 25 bbls, 26 dms, Barranquilla; 6 dms, San Jose; 40 bbls, 225 pkgs, Isarco, Genoa; (Isis) 767 bbls, 385 pkgs, Hamburg; 38 dms, Santa Cruz de Teneriffe; 106 pkgs, Prague; 97 pkgs, Vienna; 1,562 pkgs, Roumania
NEATSFOOT — 6 bbls, Tonsbergfjord, Marseilles; 15 bbls, Isis, Hamburg
PAINT—8 bxs, 16 kits, Barcelona; (Black Eagle) 1 cs, 29 dms, 14 pls, Antwerp; 34 pls, 9 dms, 1 cs, Amsterdam
PREPARED—1 crtn, San Marcos, Guayaquil
PARAFFIN—445 bgs, Capillo, Buenos Aires; (Siamese Prince) 300 pkgs, Manila; 50 pkgs, Hongkong; 51 bgs, Isis, Hamburg
CRUDE—508 bgs, Tonsbergfjord, Casablanca
REFINED—1,408 bgs, Hokuroku, Darien
PITCH COKE—500 tons, Isarco, Genoa
POLISH, AUTO—6 bxs, Tonsbergfjord, Barcelona
PUMICE STONE—1 pkg, Siamese Prince, Manila
SAND, FILTER—25 bgs, Sarcoxie, Havre
TOILET POWDER—(Clan Morrison) 1 cs, Port Natal; 1 cs, Johannesburg
VARNISH—2 bxs, Tonsbergfjord, Barcelona
WAX—847 bgs, 102 bbls, 55 dms, Isis, Hamburg
MINERAL—28 dms, Tonsbergfjord, Marseilles

Port Arthur Exports

Clearance Dates

Almeria Lykes, June 27; Binta, July 1; Campoamor, June 29; Lindenbank, June 24; Meline, June 27; Montello, June 27

ASPHALT—(Lindenbank) 158 cs, 1,905 dms, Auckland; 600 dms, Wellington; 115 dms, Lyttleton; 60 dms, Dunedin; 7,425 dms, Montello, Genoa
SOLID—100 dms, Almeria Lykes, San Juan
GASOLINE—81,875 bbls, Campoamor, Bilbao; 35,164 bbls, Binta, Copenhagen
GREASE, LUBRICATING—(Lindenbank) 196 dms, 180 cs, Auckland; 176 dms, 94 cs, Wellington; 137 dms, 86 cs, Lyttleton; 102 dms, 53 cs, Dunedin; 195 bbls, Montello, Genoa; 20 dms, 10 cs, Almeria Lykes, La Guaira
KEROSENE—(Lindenbank) 2,500 cs, Auckland; 1,000 cs, Wellington
OIL, DIESEL—(Lindenbank) 200 dms, Auckland; 100 dms, Wellington
LUBRICATING—(Lindenbank) 716 dms, 185 cs, Auckland; 1 cs, Samples, 362 dms, 204 cs, Wellington; 200 dms, 31 cs, Lyttleton; 357 dms, 36 cs, Dunedin; (Montello), 93 bbls, 15 hf bbls, Genoa; 22 bbls, 2 hf bbls, Naples; 35 dms, 28 cs, Ameria Lykes, La Guaira
PAINT SOLUTION—150 dms, Lindenbank, Auckland
SOLVENT—(Lindenbank) 175 dms, Wellington; 70 dms, Lyttleton; 75 dms, Dunedin
PETROLEUM, CRUDE—76,081 bbls, Meline, Bordeaux
ROSIN, WOOD—(Montello) 117 dms. Genoa; 44 dms, Naples; 59 dms, Leghorn; 95 dms, Ancona; 371 dms, Venice
WAX—6 hf bbls, Montello, Naples

San Francisco Exports

Clearance Dates

Admiral Nulton, June 15; Emma Alexander, June 23; Ensley City, June 25; Golden Horn, June 24; Laganbank, June 27; Monterey, June 22; Patterson, June 22; San Ramon, June 26; Santa Paula, June 26; Selma City, June 27; Talamanca, June 25; Warwick, June 26; Willsolo, June 11

ACETONE—98 dms, Golden Horn, Yokohama
ACETYLENE GAS—(Admiral Nulton) 4 cyls, Wake Island; 30 cyls, Guam
ACID, BORIC—60 sks, Santa Paula, Havana
CITRIC—(Admiral Nulton) 1 keg, Agana; 1 cs, Guam
FATTY—300 sks, Santa Paula, Guayaquil
MURIATIC—1 cs, Admiral Nulton, Wake Island
NITRIC—1 cs, Santa Paula, Puerto Colombia
SULPHURIC—2 cs, Admiral Nulton, Guam
TARTARIC—1 dm, Santa Paula, La Libertad
ALBUMEN, HEN—8 cs, Santa Paula, Havana
ALCOHOL, DEN—2 dms, Admiral Nulton, Guam
ISOPROPYL—13 dms, Golden Horn, Osaka
ALUMINUM PASTE — 6 pls, Monterey, Australia
AMMONIA, ANHYD—2 cyls, Admiral Nulton, Guam
PHOSPHATE — 1 dm, Santa Paula, La Libertad
ASPHALT—(Monterey) 104 dms, Fiji Islands; 108 dms, Australia; 919 dms, Golden Horn, Tientsin
COMPOUND—5 kegs, Santa Paula, San Jose de Guatemala
EMULSION—3,207 bbls, Laganbank, Philippine Islands
GRITS—22 sks, Monterey, Australia
BAKING POWDER — (Admiral Nulton) 13 pkgs, Agana; 4 cs, Wake Island; 21 cs, Guam; 6 cs, Santa Paula, Guatemala
BENZOL—17 dms, Golden Horn, Shanghai
BIOLOGICALS—10 cs, Emma Alexander, Calgary
BLACK, GAS—4 cs, Monterey, Australia
CARBON—7,757 sks, 4 cs, Monterey, Australia
LAMP—10 cs, Monterey, Australia
BLEACHING POWDER—1 cs, Admiral Nulton, Wake Island
PREPS — (Admiral Nulton) 10 cs, Wake Island; 6 cs, Guam
BLUE, LAUNDRY—8 cs, Admiral Nulton, Guam
ULTRAMARINE—2 bbls, Monterey, Australia
BONE ASH—1 dm, Santa Paula, Arica
BORAX—100 sks, Monterey, Australia
BRAKE SOLUTION — 1 cs, Admiral Nulton, Guam
BRONZE POWDER—20 dms, Admiral Nulton, Guam
LIQUID—5 cs, Admiral Nulton, Guam
CALCIMINE — 1 cs, Admiral Nulton, Guam; (Willsolo) 2 bbls, San Juan; 2 bbls, 45 pkgs, Mayaguez; 7 cs, Golden Horn, Tientsin
CARBIDE—1 cs, Admiral Nulton, Guam
CARBON TETRACHLORIDE — 4 cs, Admiral Nulton, Guam
CEMENT, LIQ—3 dms, Admiral Nulton, Guam; (Monterey) 1 cs, New Zealand; 5 pls, Australia; 1 cs, Golden Horn, Yokohama; 4 kegs, Laganbank, Philippine Islands
ROOF—2 cs, Willsolo, San Juan
RUBBER—2 cs, Golden Horn, Shanghai
CHEMICALS—(Santa Paula) 300 dms, Mazatlan; 1 cs, La Libertad
CHLORINE BLEACH, LIQ—15 cs, Admiral Nulton, Guam
LIQUID—10 cyls, Santa Paula, Negritos; (Laganbank) 22 cyls, Philippine Islands; 200 cyls, China
CINNAMON—10 bls, Santa Paula, La Libertad
CLEANING COMP—5 cs, Admiral Nulton, Guam; 1 crt, Laganbank, Philippine Islands
FLUID—5 cs, Admiral Nulton, Guam
CLEANSER—2 cs, Admiral Nulton, Agana
HOUSEHOLD—3 cs, Admiral Nulton, Guam; 2 cs, Patterson, Herschel Island
COALTAR—51 pls, 3 dms, Admiral Nulton, Guam; 6 dms, Santa Paula, San Salvador
COCOA BUTTER—(Monterey) 34 cs, New Zealand; 114 cs, Australia
COCONUT, DESIC—1 cs, Santa Paula, Guatemala
COLLODION—16 cs, Golden Horn, Shanghai; 36 cs, Laganbank, China
COLOR, CHEMICAL—1 cs, Laganbank, Philippine Islands
DRY—4 bbls, 3 kegs, Monterey, Australia; 1 bbl, 1 keg, Emma Alexander, Vancouver; 12 bbls, 5 kegs, 628 cs, Ensley City, Vancouver; (Santa Paula) 125 kegs, 5 cs, San Jose de Guatemala; 1 cs, San Antonio
COPRA—179 sks, Talamanca, Panama
CREAM TARTAR—1 dm, Santa Paula, La Libertad
DENTIFRICES—1 cs, Monterey, Solomon Island; 5 cs, Emma Alexander, Vancouver
DEXTRIN—5 sks, Emma Alexander, Vancouver
DOPE, CLEAR—84 dms, Golden Horn, Nanking
COLORED—(Golden Horn) 10 dms, Shanghai; 320 dms, Nanking
THINNER—500 dms, Golden Horn, Nanking
DRESSING, LEATHER—1 cs, Monterey, New Guinea; 2 cs, Laganbank, Philippine Islands
DYE, COALTAR—1 cs, Monterey, Australia
ENAMEL—1 keg, Monterey, Australia; 2 cs, Golden Horn, Tientsin
FILTER CLOTH—1 bl, Monterey, Fiji Islands
PAPER—1 cs, Admiral Nulton, Agana
FIRE EXTINGUISHER CHARGES—(Admiral Nulton) 4 cs, Wake Island; 9 cs, Guam
FLUX, WELDING—1 cs, Admiral Nulton, Wake Island
GAS—11 cyls, Admiral Nulton, Guam
GASOLINE—75 crts, 1,450 cs, 805 dms, Admiral Nulton, Guam; 500 cs, 20 dms, Patterson, Hawaiian Islands
GLASS, PLATE—1 crt, Monterey, Australia; 2 cs, Patterson, Herschel Island
GLUE, ANIMAL—(Laganbank) 1 cs, Philippine Islands; 1 cs, China
GREASE, CUP—8 cs, Admiral Nulton, Guam
INDELIBLE—6 dms, Santa Paula, San Jose de Guatemala
LUBRICATING—(Admiral Nulton)) 1 cs, 1 dm, Wake Island; 6 cs, Guam; 17 pls, 1 cs, 1 dm, Santa Paula, Mazatlan
GUM, SYNTHETIC—5 dms, 1 cs, Monterey, Australia
HYDROGEN, PEROXIDE—65 cs, Monterey, New Zealand
HYPOCHLORITE—2 dms, Monterey, Australia
INK—(Admiral Nulton) 1 cs, Wake Island; 3 cs, Guam; 1 cs, Agana; 1 cs, Golden Horn, Shanghai; 1 cs, Laganbank, China
PRINTING—1 cs, Monterey, New Zealand; 6 dms, Emma Alexander, Victoria
INSECTICIDE—37 cs, Admiral Nulton, Guam; 1 cs, Ensley City, Vancouver
AGRICULTURAL—2 dms, Monterey, Australia
IRON OXIDE—16 bbls, Monterey, Australia
KEROSENE—(Admiral Nulton) 11 dms, Wake Island; 1,200 cs, 227 dms, Guam; 400 cs, Patterson, Herschel Island; 20 dms, Talamanca, Puerto Armuelles
LACQUER REMOVER—80 dms, Golden Horn, Nanking
LARD—200 tins, Santa Paula, Buenaventura; (Admiral Nulton) 4 cs, Guam; 6 cs, Wake Island
SUBSTITUTE — (Admiral Nulton) 2 cs, Agana; 3 cs, Wake Island; 81 cs, 6 dms, Guam
VEGETABLE—(Santa Paula) 28 cs, Arica; 50 tins, Panama City
LEAD, RED—20 pls, Admiral Nulton, Guam; 25 kgs, Santa Paula, San Jose de Guatemala
WHITE IN OIL—11 cs, 80 pls, Admiral Nulton, Guam
LEMON EXTRACT—1 cs, Admiral Nulton, Agana
LIGHTER FLUID—1 cs, Patterson, Herschel Island
LINSEED CAKE—7,600 sks, Selma City, England
LITHARGE—2 dms, 10 kgs, Santa Paula, Mazatlan
LITHOPONE—200 sks, Monterey, Australia
LYE—2 cs, Admiral Nulton, Guam
MARGARIN, VEGETABLE—499 cs, Willsolo, San Juan
MATCHES, SAFETY—200 tins, Willsolo, San Juan
MEDICINAL POWDER—2 dms, Golden Horn, Shanghai
PREPS—7 cs, Monterey, Australia; 10 pkgs, Santa Paula, Kingston
METHYL CHLORIDE—(Admiral Nulton) 1 cyl, Guam; 1 cyl, Wake Island
ETHYL KETONE—(Golden Horn) 95 dms, Yokohama; 95 dms, Osaka
MILK POWDER—(Admiral Nulton) 10 cs, Guam; 20 cs, Wake Island; 15 cs, Patterson, Herschel Island
MINERAL SPTS—14 dms, Admiral Nulton, Wake Island
NAPHTHALENE—1 crt, Admiral Nulton, Guam
NUTMEGS—1 bg, Santa Paula, San Jose de Guatemala
OIL, COCONUT—18 bbls, Monterey, New Zealand; (Santa Paula) 55 dms, San José de Guatemala; 50 dms, Panama City; 50 dms, Callao
FISH—(Santa Paula) 5 sks, Arica; 20 sks, San Jose de Guatemala
FUEL—116 dms, Patterson, Herschel Island; 1 cs, Laganbank, China
LEMON—8 cs, Golden Horn, Osaka
LINSEED, BOILED—1 bbl, Admiral Nulton, Guam
LUBRICATING—(Admiral Nulton) 42 dms, 100 cs, Wake Island; 35 cs, 22 dms, Guam; 1,765 dms, Monterey, Australia; (Golden Horn) 31 dms, 120 cs, Moji; 1,000 dms, Tsingtao; 1,750 dms, Shanghai; 555 dms, 5 cs, Tientsin; 3 dms, Talamanca, Puerto Armuelles; 1 dm, Ensley City, Vaucouver; 1,200 bbls, Warwick, Port Moody; (Santa Paula) 1 dm, Arica; 7 dms, 10 pls, 20 cs, San Jose de Guatemala; 135 dms, 32 cs, Mazatlan; (Laganbank) 30 dms, China; 20 dms, Philippine Islands
MACHINE—1 cs, Admiral Nulton, Agana; 1 cs, Patterson, Herschel Island
MEDICINAL—1 cs, Santa Paula, Cayenne
MOTOR—13 dms, 15 cs, Admiral Nulton, Guam; 10 cs, Patterson, Herschel Island
PUTTY—4 dms, Monterey, Australia
ROAD—23 dms, Admiral Nulton, Guam
SALAD—12 cs, Admiral Nulton, Guam; 55 cs, Laganbank, Philippine Islands
SOYA BEAN—(Santa Paula) 50 cs, Arica; 43 cs, La Paz
TRANSFORMER—3 dms, Laganbank, Philippine Islands
OILWELL DRILLING MUD—1,000 sks, Santa Paula, Guayaquil
OXYGEN—100 cyls, Admiral Nulton, Guam; 19 cyls, Talamanca, Puerto Armuelles
PAINT—(Admiral Nulton) 49 cs, 2 dms, Wake Island; 1 cs, Agana; 14 cs, Guam; (Willsolo) 139 cs, 2 bbls, 6 dms, 4 pls, San Juan; 16 cs, Mayaguez; 2 cs, Monterey, New Zealand; (Santa Paula) 1 dm, San Antonio; 1 cs, Valparaiso; 7 cs, La Libertad; 8 kgs, San Jose de Guatemala; 64 cs, Laganbank, Philippine Islands

PAINT, ALUMINUM—1 cs, Talamanca, Puerto Armuelles
CHROME YELLOW—1 cs, Admiral Nulton, Guam
DRIER—20 cs, Admiral Nulton, Guam
LIQUID—8 cs, Golden Horn, Tientsin
PASTE—2 cs, Ensley City, Vancouver
PREPARED—68 cs, 40 pls, Admiral Nulton, Guam; 54 cs, Patterson, Herschel Island; 4 kgs, 8 cs, Laganbank, Philippine Islands
REMOVER—1 cs, Admiral Nulton, Guam
THINNER—40 cs, Admiral Nulton, Gaum; 1 cs, Golden Horn, Shanghai
PARAFFIN—317 sks, Santa Paula, Puerto Colombia
PASTE, ADHES—2 pls, Monterey, Australia
PETROLEUM—38 dms, Monterey, Australia; (Golden Horn) 1 cs, Moji; 20 cs, Tientsin
CRUDE—76,977 bbls, San Ramon, Kawasaki
REFINED—70 half dms, 53 dms, Ensley City, Vancouver
SPIRITS — 100 cs, Laganbank, Philippine Islands
PHARMACEUTICAL PREPS—2 cs, Monterey, New Zealand
PITCH—1 tin, Monterey, Australia
ROOF—3 bbls, Admiral Nulton, Guam
POLISH, METAL — 14 cs, Admiral Nulton, Gaum; 80 pkgs, Golden Hour, Shanghai
SHOE—5 cs, Admiral Nulton, Guam
POLISHING MATERIAL—1 cs, Admiral Nulton, Agena; 1 cs, Santa Paula, Guatemala City
POTASH CAUSTIC—3 dms, Santa Paula, San Jose de Guatemala
PERMANGANATE — 3 dms, Golden Horn, Yokohama
PUTTY—3 cs, Admiral Nulton, Guam; 1 cs, Talamanca, Puerto Armuelles
QUEBRACHO EXTRACT—509 sks, Monterey, Australia
RESIN—1 cs, 10 dms, Monterey, Australia
SALT—(Admiral Nulton) 12 pkgs, 50 bbls, 100 sks, Agana; 11 sks, 20 cs, Wake Island; 115 sks, 48 bls, 1 cs, Guam; 338 cs, Willsolo, San Juan; 20 cs, Patterson, Herschel Island; 4 cs, Golden Horn, Tientsin
PHOSPHATE—200 cs, Monterey, New Zealand
SHELLAC—14 cs, Admiral Nulton, Guam; 1 dm, 1 cs, Santa Paula, San Jose de Guatemala
GUM—1 bbl, Monterey, Australia
SIZE, WALL—9 cs, Ensley City, Vancouver; (Admiral Nulton) 20 cs, Agana; 38 cs, 8 sks, Wake Island; 11 cs, 15 sks, Guam; (Willsolo) 350 cs, Ponce; 50 cs, Mayaguez
LAUNDRY—85 cs, Admiral Nulton, Guam; 20 cs, Patterson, Herschel Island
SCOURING—1 cs, Admiral Nulton, Agana
TOILET—9 cs, Admiral Nulton, Guam; 7 cs, Patterson, Herschel Island
SODA ASH—5 cs, Admiral Nulton, Guam; 10 sks, Santa Paula, Mazatlan
BAKING—3 cs, Admiral Nulton, Guam; 1 cs, Patterson, Herschel Island
BENZOATE—5 bbls, Monterey, Australia
CARBONATE—1 cs, Admiral Nulton, Guam
CAUSTIC—(Admiral Nulton) 32 cs, 2 dms, Guam; 1 dm, Wake Island; (Santa Paula) 30 dms, Mazatlan; 6 dms, Guatemala
PHOSPHATE, TRI—2 kgs, Admiral Nulton, Guam
SILICATE—10 bbls, Laganbank, Philippine Islands
SILICATE, DRY—15 dms, Monterey, New Zealand
SOLVENT, BATHROOM—1 cs, Admiral Nulton, Agana
DRAIN-PIPE—1 cs, Admiral Nulton, Guam
PETROLEUM—37 dms, Golden Horn, Shanghai
STAIN—3 cs, Admiral Nulton, Guam; 1 cs, Golden Horn, Tientsin
STARCH—(Admiral Nulton) 1 bbl, 1 keg, 1 cs, Wake Island; 1 keg, 2 cs, Admiral Nulton, Guam
CORN—112 cs, Admiral Nulton, Guam
SULPHUR, DIOXIDE—1 cyl, Admiral Nulton, Guam
FLOWERS—135 sks, Monterey, Australia
TALC—4 cs, Monterey, Fiji Islands
TALLOW—(Santa Paula) 155 dms, San Jose de Guatemala; 5 dms, Guatemala City
INEDIBLE—(Santa Paula) 6 dms, San Jose de Guatemala; 125 dms, Havana
TAPIOCA—4 sks, Santa Paula, San Jose de Guatemala
TETRACHLORETHYLENE — 1 cs, Admiral Nulton, Guam
TOILET PREPS — (Admiral Nulton) 2 cs, Agana; 4 cs, Guam; (Monterey) 353 cs, Australia; 1 cs, Samoa; 8 cs, New Zealan; 1 cs, Patterson, Herschel Island; (Santa Paula) 2 cs, San Jose de Guatemala; 7 cs, San Salvador
TURPENTINE—5 cs, Monterey, Fiji Islands
SPIRITS—1 cs, Admiral Nulton, Guam
VANILLA EXTRACT—24 cs, Admiral Nulton, Guam
VARNISH—2 cs, Admiral Nulton, Guam; 6 cs, Golden Horn, Tientsin; 1 half dm, Ensley City, Vancouver
ASPHALT—6 cs, Admiral Nulton, Guam
INSULATING—1 cs, Admiral Nulton, Guam
SPAR—19 cs, Admiral Nulton, Guam
WATER, MINERAL—2 cs, Admiral Nulton, Guam, 5 cs, Patterson, Herschel Island
WAX—14 cs, Admiral Nulton, Guam
FLOOR—2 cs, Golden Horn, Tientsin
YEAST—(Admiral Nulton) 2 cs, Guam; 3 cs, Wake Island; 1 cs, Talamanca, Puerto Armuelles
ZINC DUST—25 cs, Talamanca, Ciudad Bolivar

Savannah Exports

Clearance Dates

Bordvik, July 3; Bur, July 7; Dagfred, July 6; Nicolo Odero, July 7; Rhexenor, July 9; Spind, July 8; Toronto, July 7; Tuscaloosa City, July 13

DIAMYLENE—4 dms, Dagfred, Hongkong
FULLER'S EARTH—960 bgs, Toronto, Gdynia
GLUCOSE—(Tuscaloosa City) 105 bbls, Manila; 15 bbls, Iloilo
OIL, CEDARWOOD—3 dms, Bur, London
ROSIN, GUM — 350 bbls, Spind, Havana; (Rhexenor) 300 bbls, Shanghai; 30 bbls, Manila; (Dagfred) 700 bbls, Yokohama; 200 bbls, Kobe; 200 bbls, Shanghai; 1,700 bbls, Osaka; 25 dms, Manila; 1,800 bbls, Bordvik, Bristol; (Nicolo Odero) 4,479 bbls, Genoa; 192 bbls, Naples; (Toronto) 422 bbls, Oslo; 30 bbls, Bergen; 635 bbls, Gothenburg; 262 bbls, Copenhagen; 250 bbls, Gdynia; 120 bbls, Helsingfors; (Bur) 1,075 bbls, London; 1,148 bbls, Rotterdam
SIZE, DRY—(Toronto) 2,664 bgs, Gothenburg; 224 bgs, Helsingfors; 672 bgs, Kotka
WOOD—200 bbls, Dagfred, Osaka
TURPENTINE, GUM—(Dagfred) 150 cs, 20 dms, Yokohama; 83 dms, Manila; 1,100 bbls, Bordvik, Bristol; (Nicolo Odero) 10 bbls, 1,284 dms, Genoa; 66 dms, Naples; 125 dms, Venice; (Toronto) 50 dms, 50 bbls, Oslo; 70 dms, Gothenburg; 35 bbls, Stockholm; 425 bbls, Copenhagen; (Bur) 1,975 bbls, London; 10 dms, 350 bbls, Rotterdam; 50 bbls, Antwerp
WOOD—(Dagfred) 1 bx, Osaka; 10 dms, 35 cs, Manila

Tampa Exports

Clearance Dates

Beloit, July 1; Devon City, July 2; Hybert, June 27; Montoso, June 30; Oakman, July 6; Osiris, July 2; Tsuyama, July 7; Vestvangen, June 25; Wasgenwald, July 4

GASOLINE—3 dms, Beloit, Belize
GRAPEFRUIT JUICE—80 gls, Vestvangen, Bridgetown
PHOSPHATE—8,724 tons, Devon City, Seikoshin; (Osiris) 2,095 tons, Rendsburg; 1,942 tons, Hamburg; 3,142 tons, Wasgenwald, Stettin; 2,191 tons, Oakman, Genoa; 3,144 tons, Hybert, Stettin; 4,007 tons, Tsuyama, Yokohama
GROUND—11 bgs, Osiris, Hamburg
POTASH MURIATE—179 tons, Montoso, San Juan
SUPERPHOSPHATE — 18 tons, Vestvangen, Kingston

Coastwise Shipments

Corpus Christi Coast Trade

GASOLINE—43,811 bbls, T C McCobb, Baytown; 71,916 bbls, C A Canfield, Baytown
OIL, FUEL—2,960 bbls, Chiloil, New York
GAS—51,698 bbls, Chiloil, New York
PETROLEUM, CRUDE—49,791 bbls, Thormo, Texas City; 72,645 bbls, Oregon, Port Arthur; 144,548 bbls, G Harrison Smith, Baytown; 75,907 bbls, Hugoton, Baytown; 81,197 bbls, Malay, Baytown; 144,357 bbls, W S Farish, Baytown; 74,612 bbls, Allan Jackson, Baytown; 74,544 bbls, Dungannon, Port Arthur; 137,032 bbls, Charles G Black, Baytown; 66,548 bbls, Beta, Texas City; 77,016 bbls, I C White, Baytown; 74,097 bbls, Malabar, Port Arthur; 146,575 bbls, John D Archbold, Baytown

Los Angeles Coast Trade

GASOLINE—69,705 bbls, Utacarbon, Seattle; 24,734 bbls, Kewanee, Monterey; 5,307 bbls, S & C No 2, San Diego; 75,445 bbls, Mojave, Seattle; 29,670 bbls, Kekoskee, Portland; 55,677 bbls, Arizona, Portland; 74,514 bbls, Deroche, Oleum; 3,276 bbls, S & C No 41, San Diego
KEROSENE—3,512 bbls, Utacarbon, Seattle
OIL, DIESEL—2,839 bbls, Utacarbon, Seattle; 362 bbls, S & C No 2, San Diego; 26,381 bbls, Kekoskee, Portland; 8,596 bbls, La Placentia, Port San Luis
FUEL—8,606 bbls, Mojave, Seattle; 7,430 bbls, James Griffiths, Tacoma; 49,958 bbls, Torres, San Francisco
FURNACE—2,080 bbls, Utacarbon, Seattle

San Francisco Coast Trade

ACID—70 pkgs, Wallingford, Portland, Ore
BORIC—240 sks, Birmingham City, Baltimore
ELECTROLYTE—5 crbys, Arizonan, Seattle
MURIATIC—10 crbys, Arizonan, Seattle
PHOSPHORIC—10 cs, Arizonan, Seattle
ALUMINUM LEAF—9 cs, Point Palmas, New Orleans
APRICOT KERNELS—10 tons, Minnesotan, New York
ASPHALT—80 bbls, Charles L Wheeler Jr, Seattle; 65 pkgs, Wallingford, Portland, Ore
BLUESTONE—15 tons, Carriso, Seattle
BRISTLES—7 cs, Pennsylvania, New York; 55 cs, Minnesotan, New York; 130 cs, Birmingham City, Baltimore
CANARY SEED—2 sks, Arizonan, Seattle
CARBON TETRACHLORIDE—1 dm, Arizonan, Seattle
CASEIN—928 sks, Birmingham City, Portland, Me
CEMENT, LINOLEUM—12 cs, Nevadan, Portland, Ore
LIQUID—81 dms, Emergency Aid, Portland, Ore; 24 cs, Nevadan, Portland, Ore
RADIATOR—12 cs, Nevadan, Portland, Ore
CHLORINE BLEACH, LIQUID—825 cs, Point Palmas, New Orleans; 40 tons, Pennsylvania, New York; 1,500 cs, Charles L Wheeler, Jr, Seattle; 66 tons, Robert Luckenbach, Boston; 600 cs, Forbes Hauptman, Portland, Ore; 600 cs, Peter Helms, Seattle; 925 cs, Birmingham City, Portland, Me; 8,000 cs, Willmoto, Baltimore; 625 cs, Willmoto, Bridgeport
CLAY, CALCINED—23 tons, Minnesotan, New York
CLEANING COMP—10 cs, Nevadan, Portland, Ore
COCONUT, DESIC—16 tons, West Mahwah, Baltimore; 232 cs, Willmoto, Savannah
CORKS—3 bls, Pennsylvania, New York
DRESSING, AUTO TOP—12 cs, Nevadan, Portland, Ore
FIG PASTE—300 cs, Point San Pedro, Seattle
GLUE, DRY—23 tons, Hawaiian, Philadelphia; 23 tons, Hawaiian, Boston; 31 tons, Pennsylvania, New York; 18 tons, Minnesotan, Norfolk
GREASE, LUBRIC—½ dm, Nevadan, Portland, Ore
HONEY—22 tons, Minnesotan, New York
HOPS—12 tons, Pennsylvania, New York
INK—152 pkgs, Peter Helms, Seattle
INSECTICIDE, DRY—15 cs, Arizonan, Seattle
IRON OXIDE—18 tons, Robert Luckenbach, New York
LACQUER—20 cs, Arizonan, Seattle
BASE—5 pls, Arizonan, Seattle
THINNER—1 keg, 1 dm, Arizonan, Seattle
LARD—54 tons, Minnesotan, Norfolk
SUBSTITUTE—800 cs, Admiral Laws, Seattle
VEGETABLE—29 tons, Willmoto, Savannah
LEAD, RED—3 cs, Arizonan, Seattle
RED, DRY—10 dms, 2 csks, Arizonan, Seattle
WHITE—220 dms, Arizonan, Seattle
WHITE, DRY—2 bbls, Arizonan, Seattle
LIME—800 sks, Admiral Laws, Seattle
900 sks, Point San Pedro, Seattle
MAGNESITE—39 tons, Robert Luckenbach, New York
MAGNESIA—100 tons, Hawaiian, New York
MEDICINAL PREP'S—27 cs, Nevadan, Portland, Ore
METHYL CHLORIDE—10 cyls, Nevadan, Portland, Ore
MILK POWDER—20 tons, Hawaiian, Boston
20 tons, Pennsylvania, New York
20 tons, Minnesotan, New York
165 bbls, Birmingham City, Boston
MINERALS—720 sks, Point San Pedro, Tacoma
500 sks, Point San Pedro, Seattle
NAPHTHALENE BALLS — 1 cs, Arizonan, Seattle
NAVAL STORES—2,255 pkgs, Point San Pablo, San Diego
OIL—3,200 pkgs, Point San Pedro, Point Wells
443 pkgs, Point San Pablo, San Diego
10 tons, San Rafael, Baltimore
450 tons, Carriso, Tacoma
CHINAWOOD—20 tons, Minnesotan, Philadelphia
COCONUT—65 pkgs, Point San Pablo, Wilmington, Cal
COTTONSEED — 801 dms, Brookings, Los Angeles
OIL, EUCALYPTUS—3 dms, Point San Pedro, Tacoma
FUEL—19,000 bbls, Los Angeles, Seattle
LUBRICATING—15 tons, Hawaiian, Charleston
16 tons, West Mahwah, Baltimore
11 cs, 1 dm, Nevadan, Portland, Ore
570 cs, 20 dms, Arizonan, Seattle
OLIVE—1 dm, Nevadan, Portland, Ore
PETROLEUM—16 tons, Hegira, Newark
16 tons, Hegira, Philadelphia
OLEOMARGARIN—700 cs, Wallingford, Portland, Ore
PAINT—1,500 pkgs, Emergency Aid, Portland, Ore
400 pkgs, Wallingford, Portland, Ore
41 cs, 3 dms, Arizonan, Seattle
100 dms, Point Palmas, New Orleans
EARTH, DRY—25 bbls, 22 sks, 6 tins, Arizonan, Seattle
2 cs, 6 sks, 1 bbl, Arizonan, Tacoma
LIQUID—8 cs, Nevadan, Portland, Ore
PETROLEUM, GAS, LIQ—200 cyls, Arizonan, Seattle
PRODUCTS—2 dms, Nevadan, Portland, Ore
300,000 lbs, Admiral Halstead, Seattle
POLISH, AUTO—12 cs, Nevadan, Portland, Ore
521 cs, Arizonan, Seattle
SHOE—17 tons, Hegira, Baltimore
SALT—900 sks, Admiral Laws, Seattle
900 pkgs, Emergency Aid, Portland, Ore
1,500 sks, Emergency Aid, Portland, Ore
851 pkgs, Point San Pablo, San Diego
2,000 pkgs, Wallingford, Portland, Ore
1,300 tons, Carriso, Tacoma
2,500 pkgs, West Planter, Portland, Ore
1,500 pkgs, Peter Helms, Seattle
SAND—680 sks, West Planter, Portland, Ore
SOAP—760 cs, Admiral Laws, Seattle
1,300 pkgs, Point San Pedro, Seattle
8 cs, Nevadan, Portland, Ore
755 pkgs, Point San Pablo, San Diego
SODA—47 pkgs, Wallingford, Portland, Ore
ASH—900 sks, Admiral Laws, Bellingham
SOLDER DROSS—13 tons, Robert Luckenbach, New York
SPEISS—300,000 lbs, Carriso, Tacoma
SPRAY—1,400 pkgs, Wallingford, Portland, Ore
SULPHUR DIOXIDE—1 ton, Willmoto, Norfolk
TALLOW, INEDIBLE—107 tons, Minnesotan, Philadelphia
100 dms, Point Palmas, New Orleans
TOILET PREP'S—1 cs, Arizonan, Seattle
100 cs, Point Palmas, Houston
TONGA BARK AND VINE—52 sks, Pennsylvania, New York
TURPENTINE, WOOD—3 dms, Nevadan, Portland, Ore
VARNISH—8 dms, 5 kegs, Arizonan, Seattle
WAX—100 bls, Emergency Aid, Portland, Ore
WHEY REFUSE, DRIED—240 sks, Point Palmas, Houston
XANTHATE—20 tons, Minnesotan, New York
ZINC CHLORIDE, FUSED—20 tons, Carriso, Seattle

Cargo Ship Arrivals

July 11 to July 24

New York

American	Portland*	July 20
American Oriole	Tacoma*	July 17
American Merchant	London*	July 13
American Shipper	Liverpool*	July 13
American Traveler	San Francisco*	July 13
Ancon	Cristobal*	July 20
Artigas	Dundee*	July 17
Augvald	Santos	July 24
Barbara Cates	Portland*	July 21
Berengaria	Southampton*	July 21
Black Hawk	Antwerp	July 21
Black Osprey	Antwerp*	July 15
Black Tern	Antwerp*	July 13
Borinquen	Trujillo*	July 20
Boschdijk	Rotterdam	July 23
Britannic	London*	July 20
Buenaventura	Cristobal	July 13
Calamares	Santa Marta*	July 15
Cameronia	Glasgow*	July 20
Canadian Constructor	Brisbane*	July 13
Carabobo	Puerto Cabello*	July 20
Cavallo	Hull*	July 23
Chimu	Pisco*	July 22
City of Johannesburg	Calcutta*	July 15
City of Winchester	Liverpool	July 13
Clement	Para	July 14
Coamo	Trujillo*	July 13
Cold Harbor	Cork*	July 22
Collamer	Dunkirk*	July 16
Colombia	Cristobal*	July 20
Colorado Springs	Iloilo*	July 13
Cottica	Curacao*	July 13
Cristobal Colon	Bilbao*	July 22
Cypria	Marseilles*	July 18
Edam	Rotterdam	July 16
Emilia	San Juan	July 20
Europa	Bremen*	July 22
Examiner	Salonica*	July 17
Excalibur	Beirut*	July 22
Exchange	Tangier*	July 14
Fort Amherst	St Pierre*	July 16
Fort Townshend	St John's*	July 23
France	Manila*	July 13
Franconia	Liverpool*	July 20
Gripsholm	Gothenburg	July 22
Hamburg	Hamburg*	July 24
Hegira	Seattle*	July 15
Hoegh Transporter	Trieste*	July 21
Hoperange	Vancouver*	July 18
Ile de France	Havre*	July 21
Jean Jadot	Antwerp	July 16
K L Luckenbach	Seattle*	July 16
Kornaki	Manila*	July 20
Gota Tjandi	Batavia*	July 18
Laura C	Trieste*	July 22
Lossiebank	Shanghai*	July 20
Losmar	Astoria*	July 15
Luna	Curacao*	July 20
Malayan Prince	Batavia*	July 24
Manuela	San Juan	July 13
Maria	Naples	July 20
Matra	Calcutta*	July 15
Mauna Ala	Honolulu*	July 21
Minnequa	Gothenburg*	July 23
Minnesotan	Portland*	July 15
Montanan	Seattle*	July 16
Montgomery City	Honolulu	July 24
Munargo	Havana*	July 23
Musa	Puerto Barrios*	July 23
Nebraskan	Tacoma*	July 24
Nordhavet	Barcelona*	July 23
Northern Prince	Buenos Aires*	July 22
Orania	Ilheos	July 24
Oriente	Havana	July 17
Panuco	Tampico*	July 15
Pastores	Cristobal*	July 13
Pennland	Antwerp*	July 20
Peten	Port Limon*	July 19
Platano	Puerto Barrios*	July 16
Polarland	Puerto Plata	July 17
Ponce	San Juan	July 14
President Taft	Manila*	July 13
President Van Buren	Manila*	July 13
Quebec City	Manila*	July 13
Sagaporack	Gothenburg*	July 17
San Jacinto	San Juan	July 21
San Rafael	Portland*	July 22
Santa Inez	Valparaiso*	July 21
Santa Lucia	San Antonio*	July 14
Santa Paula	San Francisco*	July 14
Schodack	Dunkirk*	July 21
Sea Glory	Cardiff*	July 15
Seatrain Havana	New Orleans*	July 21
Seatrain New York	New Orleans*	July 14
Siboney	Vera Cruz*	July 14
Siljestad	Gothenburg*	July 18
Silverash	Singapore*	July 18
Skagerak	Kobe*	July 16
Spaarndam	Rotterdam*	July 14
Spencer Kellogg	Manila*	July 15
Statendam	Rotterdam*	July 20
Steel Exporter	Honolulu*	July 13
Steel Navigator	Sourabaya*	July 22
Swinburne	Para*	July 22
Taihei	Manila*	July 15
Tampa	Calcutta*	July 21
Toloa	Santa Marta*	July 22
Trebartha	Vancouver*	July 18
Tugela	Buenos Aires*	July 17
Vermar	Aberdeen*	July 21
W R Keever	Tacoma*	July 16
Wales	Kobe*	July 22
Washington	Hamburg*	July 23
West Mahwah	Seattle*	July 16
Western World	Buenos Aires*	July 15
West Lashaway	Calibar*	July 19
Yorkmar	Astoria*	July 22
Yucatan	Vera Cruz*	July 21

* And other ports

Recent Charters

CREOSOTE—7,000 tons, S S Havsten, United Kingdom, Continent, Northern Range, United States Gulf, Tampico, £2,550; July
PETROLEUM—13,000 tons, S S Sir Osborn Holmden, dirty, Sumatra, Japan, 8s 3d; July
6,000 tons, S S Eocene, clean, Constanza, French Atlantic, 13s; July
13,000 tons, S S Valverda, dirty, Aruba, Curacao, United Kingdom, Continent, 11s 9d; July
8,500 tons, French Tanker, dirty, United States Gulf, French Atlantic, 13s 9d; option Constanza loading, consecutive voyages, commencing August until the end of 1936
14,000 tons, S S Gretafield, dirty, Bahrein, Antwerp, 22s; August
8,000 tons, S S Oljaren, dirty, Constanza, Amsterdam and/or Ertvelde, 10s 9d; July
3,000 tons, S S Motorina, fuel oil, Constanza, Ceuta, 8s 3d; June-July
11,500 tons, S S Grena, clean, California, United Kingdom, Continent, 21s 9d; August-September
9,500 tons, S S William Strachan, dirty, United States Gulf, North Spain, 12s 6d; South Spain, 13s; July 20-31
13,000 tons, S S Hilda Knudsen, dirty, Aruba, Curacao, United Kingdom, Continent, 11s 9d; July
9,500 tons, S S Ima, dirty, Aruba, United States, N H, 20c; July
4,000 tons, S S Deodata, clean, Constanza, Ceuta, 7s 9d; July 15-31
9,000 tons, S S Braulieu, dirty, Aruba, Curacao, United Kingdom, Continent, 11s 9d; July 17-31

Imports Detained

Detention recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drugs acts or did not comply with other customers regulations included the following articles for the reasons stated:—

New York

Week Ended July 15

Codliver oil, 269 drums; non-desteari-nated and not so labeled.

Medicinal preparation, 1 case; false therapeutic claims.

Nutmegs, technical, 602 bags; restricted use.

Pomegranate bark, 1 bag; excess foreign matter.

Thyme leaves, 40 bales; filthy.

Buffalo

Week Ended July 15

Medicinal preparations, 2 cases; false therapeutic claims.

Mustard seed, 150; bags; filthy.

Los Angeles

Week Ended July 9

Calcium arsenate, 800 drums; incorrect ingredient statement.

Medicinal preparations, 2 pieces; false therapeutic claims.

Seattle

Week Ended July 9

Medicinal preparations, 1 piece; false therapeutic claims.

Foreign Trade Openings

Correspondence in regard to any of the following foreign trade opportunities should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, or to any district or cooperative branch office of the bureau, and not to this publication. When writing, give the number of the item:—

Chemical products:—Agency, Guayaquil, Ecuador (1154).

Cosmetics, dentifrices and other toilet preparations:—Purchase, Bergen, Norway (1173).

Linseed oil cakes, 50 to 100 tons:—Purchase, Vienna, Austria (1164).

Oils, lubricating and petroleum jelly:—Agency, Guayaquil, Ecuador (1154).

Pharmaceutical specialties:—Agency, Vienna, Austria (1172).

Soybeans, 10 tons, and 200 to 300 tons of soybean meal:—Purchase, Vienna, Austria (1164).

Spices, cinnamon, black pepper, and cumin seed:—Agency, Guayaquil, Ecuador (1154).

Saltcake imports into the United States increased from 89,700 tons in 1934 to 110,379 tons in 1935. In the latter year Germany supplied 83,061 tons; Belgium, 23,433 tons; Chile, 1,353 tons; Netherlands, 1,122 tons; Canada, 906 tons; Russia, 504 tons.

Talc, Soapstone Freight Rate Raise Unjustified

I. C. C. Rules Against Proposed Increases and Prescribes New Basis

WASHINGTON, July 13, 1936.

Proposed increased freight rates on carload shipments of talc and soapstone from Southern producing points to destinations north of the Ohio river have been found unjustified by the Interstate Commerce Commission and a new basis of rates has been prescribed.

Railroads in the Northern area prescribed a basis of rates similar to that used by them in their region, which was satisfactory both to Southern carriers and to the shippers, but the rates they proposed to apply to this new classification were protested by shippers. The present practice in the North is to apply 22.5 percent of the first class rate to talc testing 99 percent, other ground talc, and soapstone testing 99 percent, in carloads of 60,000 pounds minimum, and 18 to 20 percent of first class to talc tailings, other ground soapstone, and crude soapstone, carloads, 70,000 pounds. For shipments from Southern territory they proposed rates 20 percent and 15 percent of first class, respectively, but based on the Southern first class rate, which approximates 139 percent of the Northern first class rate. The ICC found that to equal the Northern rates these percentages should be 16 and 13 percent of the Southern first class rate.

Using Cartersville, Ga., as a typical Southern producing point, the commission said:

This comparison discloses that the rates suspended would, as an average, increase the rates on talc from Cartersville to eastern trunk-line destinations by about 4c. per 100 pounds and reduce the rates on talc-tailings by about 5c. These figures do not give the complete picture, however, for the present minimum weight from Cartersville, is 50,000 pounds per carload, whereas the rates suspended, and those proposed by protestants, are based upon 60,000 pounds for talc and 70,000 pounds for tailings. If we use the average present rate from Cartersville, 34c., this, on a minimum weight of 50,000 pounds, is equivalent to a charge per car of $170 which is applicable on both talc and tailings. Under the rates and minima suspended the average car charges would be about $229 on talc, where the increase in minimum is only 10,000 pounds; and $200 on tailings where the minimum is increased by 20,000 pounds. There is nothing in the record to justify such an increase in charge from Cartersville or from any southern point of production on talc; the increased charge on talc tailings is fully accounted for by the increased minimum. There is no valid protest or objection to the increase in minimum weights and the increased charge per average car must be due to the level of the suspended rates based on 20 percent of the first-class rate. . . .

The record contains no evidence to justify either material increases or reductions in rates to and from the South on these commodities. The schedules suspended have not been justified; but this finding is without prejudice to the publication of rates from and to the South to and from official territory based upon 18 percent of the applicable first-class southern rates between these territories on high grade ground talc and soapstone, and 15 percent on talc tailings and lower grade soapstone.

Dow Chemical Earnings Up 32 Percent for Year

The Dow Chemical Company, Detroit, reports for the fiscal year ended May 31, 1936, net profit of $4,384,510 after depreciation, Federal income taxes, etc., equal, after 7 percent preferred dividends, to $4.42 a share on 945,000 shares of no-par common stock. This compares with $3,320,970 or $3.32 a share on 937,714 common shares in the preceding year.

Willard H. Dow, president, in his statement to stockholders, said that the stated earnings per share do not include $387,398 net profit on the sale of 7,286 shares of the company's reacquired common capital stock, equivalent to an additional 40 cents per share.

Currents assets of the company, as of May 31, last, including cash and U. S. government securities of $2,356,714, amounted to $9,821,332 compared with current liabilities of $2,761,641. This compares with cash and government securities of $2,178,826, current assets of $8,856,381 and current liabilities of $2,769,531 on May 31, 1935.

Plastic, Water Paint, Calcimine Sales: May

Sales of plastic paints in May totaled 618,737 pounds for a value of $51,758, against 481,563 pounds, valued at $35,563, in May last year, according to the monthly data reported to W. L. Austin, of the Bureau of Census, by 53 manufacturers of plastic, cold water paints and calcimines. Calcimine sales were 8,316,099 pounds in May, against 8,056,015 pounds in April and 8,608,475 pounds in May last year. Manufacturers included in this compilation accounted for 70 percent of the quantity and 80 percent of the value of plastic paints, and more than 91 percent of the quantity and 95 percent of the value of cold water paints and calcimines reported at the Census of Manufactures for 1933. Details follow:—

	1936 May.	1936 April.	1935 May.	Totals, January-May. 1936.	1935.
Plastic Paints					
Pounds	618,737	621,252	481,563	2,601,321	2,137,563
Value	$51,758	$47,407	$35,563	$200,672	$152,868
Paste (lead, mixed paints and emulsified types)—					
Pounds	153,009	101,366	40,529	436,935	161,555
Value	$18,693	$11,897	$4,500	$51,492	$14,792
Dry, total—					
Pounds	465,728	519,886	441,034	2,164,386	1,976,008
Value	$33,065	$35,510	$31,063	$149,180	$138,076
Casein bound—					
Pounds	307,299	339,184	239,914	1,410,588	1,213,433
Value	$24,455	$26,213	$21,393	$110,439	$98,990
Glue bound—					
Pounds	158,429	180,702	201,120	753,798	762,575
Value	$8,610	$9,297	$9,670	$38,741	$39,086
Cold Water Paints (in Dry Form)					
Pounds	2,009,478	2,275,541	1,939,052	9,578,876	7,362,388
Value	$175,088	$147,160	$128,461	$623,162	$462,992
Exterior, total—					
Pounds	1,194,599	922,295	838,543	3,767,830	2,814,785
Value	$83,931	$63,636	$59,285	$255,642	$191,478
Lime and/or cement bound—					
Pounds	783,067	599,612	542,584	2,319,340	1,651,519
Value	$60,579	$45,811	$42,626	$173,666	$124,683
Casein bound—					
Pounds	411,532	322,683	295,959	1,448,490	1,163,266
Value	$23,352	$17,825	$16,659	$81,976	$66,795
Interior, total—					
Pounds	1,414,879	1,353,246	1,100,509	5,811,046	4,547,603
Value	$91,157	$83,524	$69,176	$367,520	$271,514
Casein bound—					
Pounds	727,571	665,742	674,864	3,287,732	2,393,611
Value	$66,798	$59,372	$58,106	$285,275	$208,332
Glue bound—					
Pounds	687,308	687,504	425,645	2,523,314	2,153,992
Value	$24,359	$24,152	$11,070	$82,245	$63,182
Calcimines					
Pounds	8,361,099	8,056,015	8,608,475	34,491,833	34,656,440
Value	$361,356	$348,953	$376,644	$1,484,138	$1,515,018
Hot water—					
Pounds	4,381,243	*4,058,245	4,272,132	17,670,122	17,361,204
Value	$177,898	*$167,328	$191,050	$713,130	$773,111
Cold water—					
Pounds	3,979,856	*3,997,770	4,336,343	16,821,711	17,295,236
Value	$183,458	*$181,625	$185,594	$766,008	$741,907

* Revised.

N.P.A. Standards Group to Hold Special Meeting July 23

The National Petroleum Association's department of standards and tests will hold a special dinner meeting July 23, in Oil City, Pa., starting at 6 p. m. The meeting is sponsored by the Oil City, Pittsburgh, Butler, Bradford and Olean groups, and will be held in the clubhouse.

The feature of the meeting will be a slow-motion picture of engine combustion developed by Dr. G. M. Rassweiler and Dr. Lloyd Withrow, of the General Motors research laboratories. The picture will be shown by Dr. Rassweiler along with additional slides in connection wth a paper he will present. The meeting will be of special educational interest to chemists or superintendents. Russell Buckham, of the James B. Sperry Sons Company, will be chairman of the meeting.

Obituaries

James Edward Davis

James Edward Davis, president of the National Wholesale Druggists Association in 1892-93, died at his home in Detroit, July 11. He was 88 years old.

Mr. Davis was born in Detroit, the son of Solomon and Anna Heald Duncan Davis. He started in the wholesale drug business in 1881, the firm name being James E. Davis & Co. After a disastrous fire which swept the firm's establishment in 1891, Mr. Davis joined with Farrand, Williams & Co., wholesale druggist, forming the firm of Williams, Davis, Brooks & Co., which firm absorbed T. H. Hinchman & Sons, and the firm became Williams, Davis, Brooks & Hinchman Sons, better known as the Michigan Drug Company. Illness forced Mr. Davis' retirement several years ago.

He was a thirty-third degree Mason, and a member of the Sons of the American Revolution, Detroit, Boat and Old Clubs, and at one time was president of the Detroit Club.

Mr. Davis, in 1872 married Mary E. Bissell, who died some years ago, and was the father of Mrs. Thaddeus Walker, of Detroit; the late Charles B. Davis and the late Mrs. Alice Mary Mesritz. He was a brother of the late George S. Davis, one of the founders of Parke, Davis & Co.

Arthur A. Barba

Arthur A. Barba, sr., chairman of the board of directors and one of the organizers of the Jefferson Lake Oil Company, died at his home in New Orleans, July 13, after an illness of about five years. He was seventy-five years old. Mr. Barba had been president of the company for eleven years until his health forced him to relinquish his duties. He was named chairman of the board a year ago. His early business life was centered in the ice business. Surviving are his wife, the former Miss Louise Gomez; two sons, three daughters, two sisters and brother.

Harry G. Mills

Harry G. Mills, a vice-president and director of Armour & Co., Chicago meat packers, died in St. Luke's hospital, this city, July 16, after an illness of several months. He was fifty years old. Mr. Mills joined the packing concern twenty-five years ago. He held many positions and was elected vice-president in charge of plant operations in 1931. He was born in Wellsville, N. Y. He was assigned to the company's Eastern area in 1914 and for a time served as an assistant to Thomas G. Lee, late president of the company, who at that time was district manager in New York. Surviving are his wife, the former Miss Martha Rogers, of Washington, Ind.; two daughters, Helen Margaret Mills and Jean Elizabeth Mills; a brother, Ray Mills, and a sister, Mrs. Genia M. Dickinson.

John Ruehl

John Ruehl, owner of John Ruehl & Co., paint manufacturer, Cincinnati, died July 9 at his home in that city following a long illness. He was sixty-nine years old. The Ruehl company was founded in 1867, as one of the earliest paint contracting firms in the section. When the ownership passed to Mr. Ruehl, on the death of his father, the business was expanded into a manufacturing unit. Mr. Ruehl was a member of the Cincinnati Paint, Varnish and Lacquer Association, a Scottish Rite Mason, and took an active part in the affairs of the Elk's Lodge. He is survived by his wife, and two sons, Elmer J. Ruehl and Edward W. Ruehl, who will continue the management of the business.

Edwin Stern

Edwin Stern, secretary-treasurer of Louis Stern Sons, Inc., producers of tallow and grease, with plant at Kearny, N. J., and executive offices in the Produce Exchange building, this city, died July 13. He was 49 years of age. Death occurred in the Beth Israel hospital, Newark, N. J., where he was undergoing treatment for a kidney ailment.

Mr. Stern was widely known in grease and oil trade circles in this and other cities and had always been prominent in the business and social activities of the trade. He was largely instrumental in bringing about the formation of the market for tallow futures on the New York Produce Exchange and was chairman of the Tallow Committee of that body. He was a director of the Oil Trades Association of New York and at one time was vice-president and was also a member of various civic, religious, fraternal and financial organizations. As a mark of respect to Mr. Stern's memory, the market for tallow futures on the Produce Exchange closed at noon July 15, the day of the funeral. Interment was in Beth El Cemetery, Brooklyn, N. Y. Surviving are his wife, two daughters and two sons.

Edward Payson Dunham, founder of one of the first match factories in the United States, died at his home in Berlin, Conn., July 14, after an illness of six months. He was eighty-five years old. Mr. Dunham was born in Berlin. Fifty years ago he founded the firm of Dunham & Bagley at Cheshire and started a match factory. After about twenty years' successful business the firm sold out to the Diamond Match Company. Mr. Dunham's later years were spent in the real estate business. Surviving are his wife, Mrs. Minnie J. Dunham; two sons, Edward C. Dunham, Northampton, Mass., and Cornelius J. Dunham, Kensington, Mass., and Mrs. Frederick J. Cutler, Yonkers, N. Y.

Albert B. Hall, pharmaceutical chemist, died in the City Hospital, Indianapolis, Ind., July 11, after an illness of several weeks. He was seventy-nine years old. Born in Cincinnati, Mr. Hall, when a young man, was associated with Eli Lilly & Co., pharmaceutical chemists, and later was associated with the McCoy, Howe Company, manufacturing chemists, the Pittman-Moore Company, and the Swan-Myers Company. In later years he worked as an independent analyzing chemist.

T. M. McClelland, for more than forty years in the employ of Hanline Brothers, paint manufacturer, Baltimore, as Southern representative, died July 10 at the home of his niece, Mrs. Emma Wilson, 2707 Alameda boulevard, that city. He was seventy-one years old. He held high rank in various fraternal organizations.

Mrs. Lillian Schenck Mennen, wife of William G. Mennen, president of the Mennen Company, Newark, N. J., died in Stockholm, Sweden, July 13. The family sailed on June 27 and had planned a tour of Northern Europe. Mrs. Mennen was a sister of Mr. Mennen's first wife, and surviving are a daughter, Mrs. Dorothy Knoepke Stengel, Short Hills, N. J.; two stepdaughters, Misses Mildred and Irene Mennen; and two stepsons, William G. Mennen, jr., and George Mennen, all of South Orange.

Orlando J. Pardee, assistant sales manager of the Eastman Kodak Company, Rochester, N. Y., died July 10 at his home in that city after an illness of half a year. Mr. Pardee was born in Corry, Pa., in 1896. For several years he was associated with the Frank Seaman Company and the J. Walter Thompson Company, advertising agencies, and joined the Eastman Company nine years ago. He is survived by his wife, two children and his mother.

Stanley Vail, member of the sales department of Becton-Dickinson & Co., Rutherford, N. J., died on July 7 following an operation for a ruptured appendix. Mr. Vail had been associated with Becton-Dickinson & Co. for six years and was well known in the trade through his regular attendance at annual conventions of the National Wholesale Drug Association and the National Association of Retail Druggists.

John A. Wacker, for many years an employee of the Bayway Refinery of the Standard Oil Company of New Jersey, died at his home in Elizabeth, N. J., July 15. He was seventy-six years old. He was a Past Councillor and a member of Progresive Lodge, Knights of Pythias, for fifty years. Surviving are his wife, a daughter, five sons and a brother.

Fertilizer Materials

Sulphur and Pyrites

(Continued from page 50)

of the 100,000 tons or more of meal expected to be produced this season has been taken up. Calls for the product are still broad and coming in volume. Prices on old season spot material moved up sharply while futures, upon which most business has been based, are holding strongly. Other groups of products in the market have been comparatively quiet. Some little business in nitrogenous materials is taking place. Tankage and blood have become scarce.

Ruling prices are:—

NITRATE OF SODA.—100-pound bags, $27.50 per ton; 200-pound bags, $26.80 per ton; bulk lots $25.50 per ton, all ex vessel San Francisco-Oakland.

AMMONIA PHOSPHATE.—Quoted at $38.50 per ton, single bags; $39 per ton, paper-lined bags, f.o.b. cars, San Francisco, basis 16 percent N, 20 percent P. A.

SULPHATE OF AMMONIA.—Quoted at $27.50 per ton, f.o.b. cars, in 100-pound bags, San Francisco and Los Angeles Harbor and $28.50 per ton, delivered inland California points, excepting Imperial Valley and San Diego county. Latter points, $29.50. All prices for July contracts only.

SUPERPHOSPHATE.—Domestic quoted nominally at 70c. to 75c. per unit in bulk, f.o.b. San Francisco and Los Angeles Harbor. Bags, 80c. to 85c. per unit. Foreign material, 80c. per unit in bags, c.i.f. Pacific Coast ports.

FISH MEALS.—California sardine meal quoted on the spot at $46.50 per ton, f.o.b. San Francisco in cars for prompt shipment. New season material for delivery after August at $32.50, Monterey-San Francisco. Late August Oregon meal at $32.50. Strictly fertilizer grade Japanese meal, August shipment from the Orient at $33.50, c.i.f. Pacific Coast.

TANKAGE.—Local packing house tankage, ground, quoted at $2.95 and 10c. per unit-ton, f.o.b. cars, Los Angeles, prompt shipment. San Francisco, $2.80 and 10c. Argentine ground tankage quoted at $3 and 10c., c.i.f. Pacific Coast ports. Dry rendered, domestic ground, quoted at 75c. per unit of protein, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 60c. per unit.

BONE MEAL.—Domestic steamed bone meal, 1 percent and 70 percent, quoted at $24.50 per ton, delivered Pacific Coast ports. Semi-raw, part steamed, 4½ percent and 50 percent, quoted at $24 per ton, delivered Pacific Coast ports. Raw Argentine meal nominal.

BLOOD MEAL.—Domestic quoted at $2.85 per unit, prompt shipment, f.o.b. cars, Los Angeles and $2.65 San Francisco. Argentine and New Zealand meal quoted nominally at $3, c.i.f. Pacific Coast ports.

Monsanto Current Events, issued by the Monsanto Chemical Company, in its July number, has an interesting array of articles, aside from President Edgar M. Queeny's editorial on "Industry and Jobs." Among them are "Frome Hide to Leather," "Steam and Electricity," "Japanese Flower Arrangement," and "Ten Years of Travel and Adventure from a Chance Remark," which relates the adventures in mining and other work in eighteen Latin American countries of Raymond E. Speare of the St. Louis plant.

Robinson-Patman Act Rules Are Outlined

(Continued from page 28)

randum strongly disagree on subject consignments. They are not sales and section being criminal is strictly construed hence there must be a positive discriminatory discount, rebate, allowance, etc., and no vague negative or conjectural advantage comes under the act."

In his absence we are still of the opinion that the sale of goods via consignment instead of outright represents either a discount, rebate, or allowance under section 3 of the act, or "furnishing services or facilities connected with the handling, sale or offering for sale of such commodity" under section 2(e), or a discrimination in price under section 2(f) of the act.

It is unmistakably a commercial advantage to receive goods on consignment instead of by outright sale, and whether such advantage be called a discrimination in price or allowance, or a facility, is in our opinion immaterial.

The fact that every merchant would prefer the consignment arrangement rather than the purchase arrangement argues powerfully for the point of view that the language of the act would be construed to prevent consignments except on an equal basis to all concerns in the same class.

General Procedure

In conclusion, whether the foregoing views are agreed to or not, the following rules are suggested for every manufacturer regardless of the interpretation of the various sections of the Robinson-Patman act by him or his attorneys:—

1. A merchandising policy should be formulated and written down and adhered to by the manufacturer which will include:—(a) A list of quantity discounts; (b) classification of customers, if any; (c) policy as to demonstrators and advertising allowances.

Such a statement of policy will not only be of advantage to the manufacturer but should be general in nature and not formulated with a view of concessions to particular customers.

2. Secret merchandising arrangements of any kind are to be discountenanced. The fact that the secrecy is necessary with reference to any particular merchandising arrangement already argues powerfully for the probability that it is illegal. The entire tendency of the Robinson-Patman act, if it means anything, is toward open price arrangements.

3. The trade has been well publicized as to the effects of the Robinson-Patman act. Do not fear the effect of your new policy on your customers as the trade generally is prepared to surrender the individual advantages which many of them have hitherto received.

The foregoing summary has been prepared not with the problems of any manufacturer in mind but with the problems of the industry as a whole.

It is the business of the industry until the constitutionality of the act has been determined, to obey the act as far as the meaning of the act can be understood.

Nickel production in Canada for the first three months of 1936 showed a sharp increase over the corresponding period of 1935, a total of 45,870,533 pounds being produced compared with 28,799,895 pounds for the 1935 quarter, according to the Dominion Bureau of Statistics.

Oils, Fats and Waxes

(Continued from page 39)

Fats and Greases

Grease. — A firm tone continued in evidence, quotations being advanced ⅛c. to ¼c. per pound. The market was rather more active, buying interest being stimulated by the course of other commodities.

Lard. — Cash product was irregular in company with developments in the West where speculation continued active, though sentiment was apparently more or less mixed owing to the conflicting character of reports concerning the corn crop. Demand here was fairly active.

Stearin. — The trend of prices continued upward. Business was reported to have been closed at as high as 9½c. per pound and late in the week 10c. was nominally quoted. Supplies appeared to be very light.

Tallow. — The situation continued to be characterized by a decidedly firm tone in company with various other fats and greases, developments in the latter being reflected in increased buying interest with some of the larger consumers appearing in the market. Sales were reported at 6⅛c. per pound, f.o.b., for extra, estimates of the transactions during the week in some instances being over 3,000,000 pounds. Late in the period offerings were light at the above figure.

Following is a record of the market for tallow futures on the New York Produce Exchange from July 11 to July 17, inclusive:—

	—Cents per lb. in tanks— High.	Low.	Close.	Sales. Tanks.
July	6.15	6.15	6.10@ 6.25	3
August	...	...	6.15 nom.	..
September	6.30	6.10	6.30@ 6.35	18
October	...	...	6.39@ 6.46	..
November	...	...	6.45 nom.	..
December	...	...	6.49@ 6.60	..
				—
Total sales				21

Markets at Other Centers

Chicago, July 17.—Views are mixed as to the outlook. Stocks of lard have been increasing. Cash lard prices have been stiffening at times, only to ease later. Tallows are clearly firming up, with demand along firm lines. The greases also have been moving higher in price, while stearins in sympathy also appear stronger.

The range of lard quotations from the opening Saturday, July 11, to the close Friday, July 17, is shown in the following table:—

	—Per 100 pounds— Open.	High.	Low.	Close.	Previous Friday.
Cash	$10.82	$10.87	$10.57	$10.87	$11.02
Sept.	11.15	11.20	10.50	10.95	11.15
Dec.	11.10	11.10	10.47	11.05	11.02

TALLOWS (tierces).—Edible, 7¼c. to 7½c. per pound; prime, 6⅛c. to 6¼c.; fancy, 6⅛c. to 6¼c.; prime renderers', 5½c. to 5¾c.; B country, 4½c. to 4¾c.

GREASES (tierces).—Choice white, 6½c. to 6¾c. per pound; A white, 6⅛c. to 6¼c.; B white, 5⅞c. to 6c.; yellow, 10-15, 5⅜c. to 5⅝c.; yellow, 16-20, 5¼c. to 5⅜c.; Brown, 5c. to 5¼c.

STEARINS (barrels).—Prime oleo, 8c. to 8¼c. per pound; lard, packages, 11½c. to 11¾c.; A white grease, 6c. to 6¼c.; A white grease, export, 6¼c. to 6½c.; yellow grease, 5⅜c. to 5½c.; extra oleo stocks, 9c. to 9½c.; No. 2 stocks, 8½c. to 9c. (Oleo stocks in car lots.)

Liverpool, July 17.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s.	d.	September. s.	d.	October. s.	d.
Saturday	56	0	53	3	54	0
Monday	54	6	51	9	52	3
Tuesday	54	0	50	6	51	0
Wednesday	54	0	50	6	51	0
Thursday	54	0	50	6	51	3
Friday	54	6	51	3	52	0

Liverpool, July 17.—Quotations per cwt. on tallow were as follows:—

	Choice. s.	d.	Fine, good mixed. s.	d.
Saturday	26	0	22	0
Monday	26	0	22	6
Tuesday	26	0	22	6
Wednesday	26	0	22	6
Thursday	26	0	22	6
Friday	26	0	22	6

Fatty Acids

Red Oil.—Quotations were maintained at the advance noted in the previous week with the tone of the market very firm as the trend of raw material continued upward. Some increase was noted in the inquiry.

Stearic Acid.—A further advance occurred in raw material and the market for stearic acid continued very firm though prices lacked quotable change. Consumers were not disposed to anticipate but demand for moderate quantities showed an increase.

Markets at Other Centers

Chicago, July 17.—Continued firmness and general market betterment is reported from the fatty acids. There is a tendency on the part of sellers to hold for fractionally better prices and they report they are able to obtain such prices in most cases. Buying is along conservative lines in most cases.

FATTY ACIDS.—Corn oil, double distilled, 6¼c. to 6½c. per pound, tankcar; 6¾c. to 7c., barrels, car lots; 7¼c. to 7½c., barrels, less than car lots; coconut oil, acidulated, 6½c. to 6¾c. per pound, tankcar, mostly nominal; 7c. to 7¼c., barrels, car lots; 7½c. to 7¾c., barrels, less than car lots; cottonseed, double distilled, 5¾c. to 6c. per pound, tankcar; 6¼c. to 6½c., barrels, car lots; 6¾c. to 7c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 3¼c. to 3¾c.; boiled down soap stock, 65 percent basis, 4¼c. to 4½c.; cottonseed foots, 50 percent basis, 1⅝c. to 1⅞c.

STEARIC ACID.—Single press, 8½c. to 9½c. per pound; double press, 9c. to 10c.; triple press, 11¾c. to 12¾c.

RED OILS.—Distilled or saponified, tanks, 8¼c. per pound; drums, 9½c. to 10½c.

Waxes

Bees.—Strength of price and undertone prevailed in all markets, particularly primary sources of supply. The spot consumption of crude wax was very good and the call for refined yellow and bleached wax was excellent. Prices were exceptionally firm in the absence of much competition.

Candelilla. — Routine request ruled local circles and at the best the call was usually for jobbing quantities of this article. Spot prices were steady, reflecting the absence of weakness that prevailed at the source of supply.

Carnauba.—Revival of demand for carnauba wax late last week resulted in absorption of substantial quantities of the surplus supply on this market for some time past, and caused prices to rise. New quotations were:—No. 1 yellow, ton lots, 45c. to 46c.; 5 bag lots, 45½c. to 46½c.; 1 bag lots, 46c. to 47c.; No. 2 yellow, 44c. to 45c.; No. 3 chalky, 35c. to 36c. in ton lots; 5 bags lots, 35½c. to 36½c.; 1 bag lots, 36c. to 37c.; No. 3 North Country, ton lots, 35½c. to 36½c.; 5 bag lots, 36c. to 37c.; 1 bag lots, 36½c. to 37½c. Even these advances did not go far enough to bring spot quotations into line with the strong, high prices prevailing in the primary market.

Japan.—Shipment goods were maintained at the recent but fractional advance. Spot quotations remained unchanged in the absence of much demand for prompt deliveries.

Lion Oil Refining Company Buys Marketing Subsidiary

T. H. Barton, president of the Lion Oil Refining Company, announced July 15 that his company had purchased the entire property of its marketing subsidiary, the Lion Oil Sales Company, with approximately one thousand company owned and operated service stations, dealers and bulk plants in Arkansas, Alabama, Mississippi, and Tennessee. A. F. Reed, for six years vice-president and general manager of the sales company, has been elected vice-president of the refining company. He will have direct charge of all selling activities of both the refining and marketing divisions of the company.

The Three Musketeers of the Fertilizer Industry--Nitrogen, Phosphoric Acid and Potash--harmonize perfectly when the Potash is Red Muriate.

Recently an important mixer wrote us, "Your Red Potash blends beautifully with other materials and imparts a good color to our mixed goods".

50% GRADE *Red Muriate* 60% GRADE

POTASH COMPANY OF AMERICA

Mercantile Trust Bldg., BALTIMORE, MD.

Bids Wanted

Acetylene:—3,000 cubic feet; District Quartermaster, C. C. C., Medford, Oregon; circular 2, opening July 22.

Acetylene Gas:—Supply of; Superintendent, Army Transport Service, New York Port of Embarkation, Brooklyn, N. Y.; circular 3, opening July 21.

Aircraft Engine Fuel:—5,000 gallons; U. S. Property and Disbursing Officer, State House, Boston, Mass.; circular 7, opening July 22.

Ammonia:—Supply of; Quartermaster Supply Officer, Army Base, Brooklyn, New York; circular 8, opening July 29.

Ammonia:—Supply of; Quartermaster, Fort Hoyle, Maryland; circular 4, opening July 23.

Antiseptic Solution:—Supply of; Quartermaster Supply Officer, Army Base, Brooklyn, New York; circular 8, opening July 29.

Bitumin Paint:—220 gallons; U. S. Engineer Office, P. O. box 518, Tucumcari, New Mexico; circular 4, opening July 24.

Boiler Compound:—Supply of; Superintendent, Army Transport Service, New York Port of Embarkation, Brooklyn, N. Y.; circular 3, opening July 21.

Calcium Chloride:—Supply of: Superintendent, Army Transport Service, New York Port of Embarkation; Brooklyn, N. Y.; circular 3, opening July 21.
23 tons; State Procurement Officer, Treasury Department, Pure Oil building, Columbus, Ohio; procurement 20472, opening July 21.

Carbon Dioxide Gas:—Supply of: Superintendent, Army Transport Service. New York Port of Embarkation, Brooklyn, N. Y.; circular 3, opening July 21.

Casein Glue:—1,000 pounds; Purchase Division, Bureau of Supply, Treasury Department, Washington; procurement 392-S, opening July 23.

Coaltar Roofing Pitch:—5,250 pounds; Supply Officer, Navy Aircraft Factory, Navy Yard, Philadelphia; requisition 6015-26 S.&A.; opening July 21.

Cooking Oil:—Supply of: Quartermaster. Fort Hoyle, Maryland; circular 4, opening July 23.

Cottonseed Meal:—20 tons; Division of Purchase, Sales and Traffic, Department of Agriculture, Washington; procurement 6681, opening July 21.

Enamel:—300 gallons; Procurement Division, Treasury Department, Washington; procurement RA-28, opening July 23.

Flavoring Extracts:—Supply of: Quartermaster Depot, 1819 West Pershing road, Chicago; circular 6, opening July 27.
Supply of; U. S. Engineer Office, First District, New York City; circular 10, opening July 23.
Supply of; Quartermaster Depot. Army Base, Boston, Mass.; circular 9, opening July 28.
Supply of; Quartermaster Supply Officer, Army Supply Base, Brooklyn, New York; circular 10, opening July 27.
Supply of; Contracting Officer, Quartermaster Corps, St. Louis, Mo.; circular 3, opening July 24.
Supply of; Quartermaster Supply Officer, Army Base, Brooklyn, New York; circular 8, opening July 29.

Fuel Oil, Bunker B:—47,600 gallons; Quartermaster Supply Officer, Fort Mason, San Francisco, California; circular 7, opening July 24.

Gasoline:—1,000,000 gallons; General Purchasing Officer, Panama Canal, Washington; schedule 3166, opening July 31.

Gasoline, Ethyl:—175,000 gallons; General Purchasing Officer, Panama Canal, Washington; schedule 3166, opening July 31.

Gelatin:—Supplies as required during the period October 1 to December 31; Procurement Division, Veterans Administration, Washington; procurement 17-S, opening August 12.

Glue:—600 pounds; Procurement Division, Treasury Department, Washington; procurement RA-28, opening July 23.

Glue, Ground Animal Hide:—850 pounds; Commanding Officer, Springfield Armory, Springfield, Mass.; circular 3, opening July 21.

Insecticide:—4,850 gallons; Veterans Administration, Washington; procurement G-17, opening July 29.

Kerosene:—Supply of: Superintendent, Army Transport Service, New York Port of Embarkation, Brooklyn, N. Y.; circular 3, opening July 21.
350,000 gallons; General Purchasing Officer, Panama Canal, Washington; schedule 3166, opening July 31.

Lard:—Supply of; Subsistence Purchasing and Contracting Officer, Fort Benning, Ga.; circular 1, opening July 21.

Lard and Lard Substitute:—Supply of; Quartermaster, Fort Hoyle, Maryland; circular 1, opening July 24.
Supply of; Contracting Officer, Fort McClellan, Alabama; circular 1, opening July 21.
Supply of; Quartermaster, Fort Belvoir, Virginia; circular 3, opening July 24.
Supply of; Quartermaster Depot. Army Base, Boston, Mass.; circular 7, opening July 23.
Supply of; District Quartermaster, Fort Brady, Saulte Ste. Marie, Michigan; circular 1, opening July 22

Linseed Oil, Boiled:—168 gallons; Procurement Division, Treasury Department, Washington; procurement RA-28, opening July 23.

Liquid Asphalt, Slow Curing:—18,900 gallons; State Procurement Officer, Treasury Department, Pure Oil building, Columbus, O.; procurement 20353, opening July 22.

Lubricating Oil:—500 gallons; U. S. Property and Disbursing Officer, State House, Boston, Mass.; circular 7, opening July 22.

Mayonnaise:—Supply of; Quartermaster Supply Officer, Army Supply Base, Brooklyn, New York; circular 10, opening July 27.
Supply of; Quartermaster, Fort Hoyle, Maryland; circular 4, opening July 23.
Supply of; Quartermaster Depot, Army Base, Boston, Mass.; circular 7, opening July 23, 23.

Oleomargarin:—Supplies of as required during the period October 1 to December 21, 31; Procurement Division, Veterans Administration, Washington; procurement 18-S, opening August 13.

Oxygen:—6,600 cubic feet; District Quartermaster, C. C. C., Medford, Oregon; circular 2, opening July 22.
Supply of; Superintendent, Army Transport Service, New York Port of Embarkation, Brooklyn, N. Y.; circular 3, opening July 21.

Paint, Cold Water:—725 gallons; Procurement Division, Treasury Department, Washington; procurement RA-28, opening July 23.

Paint, Outside:—329 gallons; Assistant Director, Procurement Division, Treasury Department, Washington; procurement RA-28, opening July 23.

Paint:—Supply of; Superintendent, Army Transport Service, New York Port of Embarkation, Brooklyn, N. Y.; circular 3, opening July 21.

Pigments, Dry:—300 pounds: Purchase Division, Bureau of Supply, Treasury Department. Washington; procurement 392-S, opening July 23.

Pigment, Kalsomine:—1,200 pounds; Procurement Division, Treasury Department, Washington; procurement RA-28, opening July 23.

Polish, Aluminum:—Supply of; Quartermaster Supply Officer, Army Base, Brooklyn, New York; circular 8, opening July 29.

Polish, Metal:—Supply of; Quartermaster Supply Officer, Army Base, Brooklyn, New York; circular 8, opening July 29.

Polish, Shoe:—Supply of; Quartermaster Supply Officer, Army Base, Brooklyn, New York; circular 8, opening July 29.

Salt:—Supply of; Quartermaster Depot, 1819 West Pershing road, Chicago; circular 6, opening July 27.
Supply of; Quartermaster Depot, Army Base, Boston, Mass.; circular 9, July 28.

Soap, Powder:—Supply of; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; circular 8, opening July 29.

Soap, Shaving:—Supply of; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; circular 8, opening July 29.

Soap, Toilet:—Supply of; Superintendent, Army Transport Service, New York Port of Embarkation, Brooklyn, N. Y.; circular 3, opening July 21.
Supply of; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; circular 8, opening July 29.

Soda Ash:—Supply of; Army Transport Service, New York Port of Embarkation, Brooklyn, N. Y.; circular 3, opening July 21.

Spices:—Supply of; Quartermaster Depot, 1819 West Pershing road, Chicago; circular 6, opening July 27.
Supply of; Quartermaster Supply Officer, Army Base, Brooklyn, New York; circular 8, opening July 29.

Talcum Powder:—Supply of; Quartermaster Supply Officer, Army Base, Brooklyn, New York; circular 8, opening July 29.

Tar:—50,000 gallons; State Procurement Officer, Treasury Department, Pure Oil building, Columbus, O.; procurement 20192, opening July 24.
9,565 gallons; State Procurement Officer, Treasury Department, Pure Oil building, Columbus, O.; procurement 20145, opening July 24.

Witch Hazel:—Supply of; Quartermaster Supply Officer, Army Base, Brooklyn, New York; circular 8, opening July 29.

Zinc Oxide:—800,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 8421, opening July 28.

Zinc Sulphate:—800 pounds; Procurement Division, Treasury Department, Washington; procurement RA-28, opening July 23.

Contracts Awarded

Caustic Soda:—80,000 cans; award to the Pennsylvania Salt Manufacturing Company, at 4.42 cents a can, by the Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 332, opened June 15.

Grease, Wheel Bearing:—10,000 pounds; award to the Cities Service Oil Company, at 7.25 cents and 7.45 cents a pound; procurement 682, opened June 25.

Lard Oil:—1,000 gallons; award to the Independent Manufacturing Company, at 69.2 cents a gallon, by the Rock Island, Ill. Arsenal; procurement 709, opened July 1.

Liquid Carbon Dioxide:—30,000 pounds; award to Pure Carbonic, Inc., at 7 cents a pound, by the Army Air Corps, Wright Field; circular 993, opened July 1.

Recoil Oil:—12,000 gallons; award to Socony-Vacuum Oil Company, at 44.1 cents a gallon, by the Rock Island, Ill. Arsenal; procurement 696, opened June 25.

Rust Preventive Compound:—10,000 pounds; award to R. M. Hollingshead Corporation, at 5.797 cents a pound, by the Rock Island, Ill. Arsenal; procurement 721, opened June 30.

Soap:—9,750 pounds; award to Armour & Co., $417.30, by the U. S. Engineers, Rock Island, Ill.; circular 167, opened June 15.

Soap:—16,000 pounds; award to Armour & Co., at 5.25 cents and 5.194 cents a pound, by the Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 326, opened June 8.

Soap, Grit:—60,938 pounds; award to Day & Frick, at 3.2 cents a pound, by the Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 332, opened June 15.

Soap Laundry:—750,000 pounds; award to the Procter & Gamble Distributing Company, at 2.84 cents a pound, by the Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 332, opened June 15.

Soap, Toilet:—32,813 pounds; award to General Soap Company, at 6.23 cents a pound, by the Quartermaster, Army Base, Brooklyn, N. Y.; procurement 332, opened June 15.

Soda:—21,000 pounds; award to John A. Chew Company, at 1.55 cents and 1.49 cents a pound, by the Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 326, opened June 8.

Soda Cyanide:—3,300 pounds; award to E. I duPont deNemours & Co., at 18.5 cents a pound, by the Rock Island Arsenal, Ill.; procurement 718, opened July 1.

Stove Polish:—46,875 pounds; award to J. L. Prescott Company, at 7.6 cents a pound, by the Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 332, opened June 15.

Trisoda Phosphate:—400,000 pounds; award to the Grasselli Chemical Company, at 1.9 cents a pound, by the Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 332, opened June 15.

White Lead:—10,000 pounds award to Detroit White Lead Works, $857.50, by the U. S. Engineers, Fort Peck, Montana, circular 626, opened June 9.

Mennen Increases Personnel

The Mennen Company Newark, N. J., reports the addition to its sales organization of the following:—C. R. Webber, formerly with the Packer Manufacturing Company, Magnus, Mabee & Reynard, Affiliated Products Sales Corporation, Houbigant Sales Corporation, Vadsco Sales Corporation and others will be field supervisor. Dr. Helgo W. Culemann, graduate of Heidelberg, and the Sorbonne, and formerly consultant for the Erwin Wasey Company and Arthur Kudner, Inc., will be director of medical research. S. Earl Sams, formerly with Luxor, Inc., will cover the southeastern territory. B. W. Richter, formerly with Luxor, Inc., will cover the midwestern territory.

Informative Booklets

Ask the Oil, Paint and Drug Reporter, 12 Gold Street, New York, for any of the following booklets you may want; simply send the numbers on a postcard. Copies will be sent to you without charge.

Alcohol.—"Alcohol Talk," is another of the ten-minutes-to-read booklets on Rossvile Alcohols put out by the Commercial Solvents Corporation. It discusses "Vinegar, From a Porch Rocker." **(406)**

Alcohol.—"Everclear Alcohol for Industrial Purposes," is an excellently prepared ring-bound booklet, issued by the American Distilling Company, describing this product which is odorless, colorless and free from adulteration. **(407)**

Alkali.—"From a Locomotive to a Pig," is the title of a leaflet put out by the Philadelphia Quartz Company outlining the value and properties of a new industrial alkali, "Metso Sodium Metasilicate," with claims that dirt, grease, grime, oil, or anything that lies under the description of dirt, disappear when proper cleaning solutions of "Metso" are applied. **(408)**

Chemicals.—"Mannitol and Sorbitol," distributed by the industrial chemicals division of the Atlas Powder Company, describes these two alcohols which are now made synthetically and are placed among the abundant industrial chemicals. **(409)**

Chemicals.—"Synthetic Organic Chemicals," published by the Niacet Chemicals Corporation, is a sixty-page booklet giving a description of the products of the company, their specifications, properties and uses. **(410)**

Closures.—"Modern Closures," issued by the Armstrong Cork Company, in its June number carries very interesting illustrations of a new note in package styling, with closures designed to emphasize product color; fashionable packaging for beauty preparations; styles for liquor packages and tamper-proof packages as a promotion for additional sales. **(411)**

Dust Layer.—"The Clean, Easy, Inexpensive Way to End Dust" issued by the Solvay Sales Corporation, describes Solvay calcium chloride as an ideal private dustlayer and surface binder. **(412)**

Emulsifying Base.—"Trigamine," distributed by the Glyco Products Company, describes this new emulsifying base, which may be used in many cases to replace triethanolamine. It gives the formulas for its uses in many industries. **(413)**

Equipment.—"New Tag Colorimeter Stand and Daylight Illuminator," issued by the C. J. Tagliabue Manufacturing Company, describes this adjustable stand for use with either the "Tag-Saybolt Chromometer" or the "Tag-Robinson Colorimeter." **(414)**

Equipment.—"Solus," distributed by the Central Foundry Company, is a descriptive catalogue of the Solus oil and gasoline separator for the prevention of oil and gasoline entrance into drains and sewers. **(415)**

Glass.—"How Glass Bottles are made," is the title of an engaging booklet, written by Elizabeth M. Bacon and published by the Whitall Tatum Company. It carries the reader through the romance of the industry, from the days of Tubal-Cain, reputed to be the maker of the first crude glass, down to the first glass manufacturing enterprise in this country, near the settlement of Jamestown, Va., in 1608, and then to the erection of the first glass factory in the United States at Millville, N. J., in 1806, on which site one of the Whitall Tatum factories now stands. **(416)**

Instruments.—"Refractometers," published by the Bausch & Lomb Company, covers the theory, design, and practice of the refractometer and describes the Abbe and dipping types. **(417)**

Liquid Proportioning.—"The Art of Proportioning," issued by D. W. Haering & Co., is a twelve-page booklet describing the principles and applications of liquid proportioning units employing the fluid piston principle. It describes several types of proportioning units required for handling the various liquids utilized in the process industries. **(418)**

Mineral Oil.—"The Battle for Purity" is the theme of a booklet by the Atlantic Refining Company. It covers mineral oil production from the crude oil's arrival at the refinery in company owned vessels to its packaging in especially treated, clean containers. The intermediate stages of distillation, dewaxing, acid agitation, neutralization, filtration, and most important—purity control are all tersely described and effectively illustrated. A section on "facts and figures" describing the properties and uses of the various grades of mineral oil is also included. **(419)**

Paint.—"Erosion, Its Prevention and Cure Through the Use of Debecote," published by the Debevoise Company, is a report for engineers and other interested in economies in power production and prevention of erosion from water in motion. **(420)**

Paint.—Nuodex Products, Inc., has published a series of technical paint bulletins, as follows: No. 16, "Drier Combination for Outside House Paint;" 18, "Zinc Naphthenate as a Wetting and Dispersing Agent;" 19, "Action of Driers in Alkyd Synthetic Enamels;" 20, "Additional Drier Combinations for Phenolic Resin Varnishes." **(421)**

Processed Fish Oils.—"Practical Application of Fish Oil," distributed by Falk & Co., is a reprint of the address made by Louis J. Reizenstein, president of the company, delivered at a meeting of the St. Louis Paint and Varnish Production Club. **(422)**

Water Purification.—"Powdered Hydrodarco for Water Purification," distributed by the Darco Corporation, announces an innovation in activated carbons, a powdered form, developed after several years of research, which meets certain fundamental requirements for the first time. **(423)**

Water Treatment.—"Ferrisul for Water and Sewage Treatment," issued by the Merrimac Chemical Company, sets forth that the value of this product for both water and sewage treatment lies in its efficiency as a ferric iron coagulant **(424)**.

Fertilizer Association Analyzes Patman Act

(Continued from page 3)

ment of the headquarters staff, but that only the courts can finally decide the meaning of the law's various provisions.

The N. F. A. analysis of the Robinson-Patman act points out that, under this amendment, it will not be necessary to prove a substantial lessening of competition or a tendency toward monopoly, but only to prove injury, damage, or prevention of competition. It comments also on the difficulty of showing that there is a different cost of manufacturing when an article is sold in large quantities or under a particular method.

The point is made that the intent of an action must be carefully considered, even in connection with the provision that a seller may freely select his customers. With reference to the disputed provision relative to the burden of proof in instances of discrimination to meet competition the N. F. A. digest says:

> The permission to rebut a prima facie case of price-discrimination by evidence that a competitor has made an equally low price does not mean that the commission cannot nevertheless decide that the person charged failed to rebut the prima facie case and has violated the law. This change seems to provide for a shifting of the "burden of proceeding," and the burden of proving a violation is upon the commission which is required first to establish the prima facie case by proof of the discriminatory price.

As a whole the N. F. A. digest is widely and soundly informative with respect to the amended Clayton act. Its value to the fertilizer industry in guidance doubtless will be appreciated.

Edward S. Burke, chemical manufacturers representative, 193 Front street, this city, was married July 11 to Miss Dorothy G. Fetter in St. Thomas Aquinas R. C. Church, Brooklyn.

Business Opportunities

Minimum rate (36 words), without display, $2.00 per insertion; 25c for each additional 6 words

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Agencies Wanted

IF YOU can offer to advantage, pigments or other raw materials used in the paint, varnish, ink, or allied industries, and Southern Ohio representation would be of interest, address BOX 507, Oil, Paint and Drug Reporter.

Agents Wanted

JOBBERS INTERESTED in handling a superfine quality white oleine are given opportunity to deal direct with manufacturer. BOX 530, Oil, Paint and Drug Reporter.

Equipment Offered

WILL SACRIFICE for prompt sale complete shellac cutting equipment including 3, 450 gallon agitator tanks, shellac loader, De Laval clarifier, pumps, can filling machine, belting, shafting, motor, etc. Photograph on request. Box 511, Oil, Paint and Drug Reporter.

SPRECKLES $10,000,000 Liquidation—6 No. 4 Vallez filters; fifteen Shriver c.i. filter presses, 32″ x 32″ side feed, open delivery, each equipped with 50 chambers; fifty bronze basket centrifugal machines, batteries of three, four, six and eight, 40″ baskets; one Swenson triple effect evaporator, 2,000 square feet per effect, copper tubes; one Hersey rotary hot air dryer 3′ x 10′; four Oats vacuum pans, 10′ to 16′; 150 motors, ½ H.P. to 150 H.P., 3 phase, 60 cycle, 220 volts; complete laboratory and library; 9,000 horsepower boilers, 250 H.P. to 500 H.P., complete with stokers; fifteen Elwell-Parker 4,000 lb. electric industrial trucks; thirty elevators; four pneumatic packing machines for one to five pound cartons; 100 centrifugal and vacuum pumps, motor, steam and belt drives; ten miscellaneous sized air condensers; 3,000 tons pipe, valves and fittings, 2″ x 24″; three 75 kw.d.c. generators, engine driven. The above only partial list. Send for 32-page catalog, also send us full list of your requirements. Arrange to visit plant. Consolidated Products-Spreckels Liquidation, Yonkers, New York. Telephone Yonkers 2400.

Equipment Offered

FOR SALE—Five roller mill, lead mixers, semi-paste mixers, roller mills, pony mixers, change can mixers, pebble mills, dry mixers, Day rapid sifter No. 3. We buy surplus machinery. BOX 493, Oil, Paint and Drug Reporter.

PEBBLE MILLS, 1-5-10-50-194-900 gallons working capacity; 3 gallon bronze mixer, Sigma blades, 600 pound blenders. Edw. W. Lawler, Inc., Durham avenue and L. V. R. R., Metuchen, N. J.

FOR SALE—One Black Clawson 12 by 30 roller-mill, chain drive with ten horse motor; one twenty-gallon pony mixer with four change cans; rapid mixer with two large tanks. Very good value. No dealers. BOX 523, Oil, Paint and Drug Reporter.

Factories Offered

CALCIMINE and whiting factory located on Long Island City waterfront; 72 by 230; for rent or sale, including machinery; reasonable. Harry I. Stein, 551 Fifth avenue, New York.

MODERN FACTORY — Two-story and basement brick, 14,000 sq. ft., elevator, main floor truck level high, railroad siding, windows three sides, yard space, unrestricted district—Brooklyn. Sale or lease. The R. L. Kraft Co., Woolworth building, Cort. 7-9377.

Materials Wanted

WANTED—Wastes, by-products, residues of all kinds; also surplus chemicals, solvents, colors, waxes, pigments, glues, paints, drugs, cosmetic specialties. Any quantity. Any condition. Machinery bought and sold. BOX 494, Oil, Paint and Drug Reporter.

Plants Wanted

PLANT WANTED with good transportation facilities, already equipped for general chemical manufacture. Should include boiler, pumps, mixers, filter presses, pulverizers, storage tanks. Give full details in first letter. BOX 495, Oil, Paint and Drug Reporter.

Positions Vacant

FACTORY MANAGER—Small Paint and varnish manufacturer, devoted to industrial and maintenance production, desires the services of an experienced paint formulator to take charge of development and production work. BOX 496, Oil, Paint and Drug Reporter.

EXPERIENCED SALESMAN wanted by import firm; must be thoroughly familiar with beeswax, carnauba wax and capable take over management sales; state full particulars. BOX 490, Oil, Paint and Drug Reporter.

PARTNER CHEMIST wanted—Experienced in textile field, lacquers, varnishes, enamels and other industrial finishes. Familiar with laboratory, factory routine. Willing to make investment for partnership in active expanding business with fine credit standing. BOX 522, Oil, Paint and Drug Reporter.

RESEARCH CHEMIST—An opportunity for an experienced chemist is offered by an established manufacturer. Varied industrial experiences and some knowledge of fiber board or fiber products would be advantageous. The development of new products and improvement of present ones are chief problems. Must be energetic, have vision of commercial possibilities in problems, and an aptitude to obtain practical conclusions. Splendid opportunity with aggressive concern. State qualifications, experience, and references. Correspondence strictly confidential. BOX 529, Oil, Paint and Drug Reporter.

SALES REPRESENTATIVE wanted with technical training and experience in paints, varnishes and lacquers to introduce complete line of synthetic resins and ester gums. Write details as to qualifications, experience, salary, territories covered and references. BOX 531, Oil, Paint and Drug Reporter.

Positions Wanted

CHEMICAL ENGINEER, B. S., 1933, 24 years of age, single, 14 months' paint and varnish experience, 12 months as filtration engineer, desires position with opportunity to advance; location immaterial. BOX 509, Oil, Paint and Drug Reporter.

Positions Wanted

PAINT MAKER or superintendent wishes position in the vicinity of New York; 25 years' experience manufacturing all kinds of paints. BOX 508, Oil, Paint and Drug Reporter.

EXECUTIVE FOR paint, varnish and enamel manufacturer, well experienced in handling sales, finance and production problems. BOX 520, Oil, Paint and Drug Reporter.

MAN, 37, energetic, aggressive, seeks position; thorough knowledge of chemicals and dyestuffs, experienced office man and salesman. BOX 521, Oil, Paint and Drug Reporter.

BRANCH MANAGER—Can you use the services of a seasoned office manager with a background of 25 years' experience of the leading pharmaceutical and makers of physio-therapy equipment? Applicant is particularly sales-minded and would welcome the opportunity of assisting the sales end with the conservative wisdom of the cost accountant. Salary cheerfully subordinated to the opportunities of the position and past record fully substantiates writers' capabilities. BOX 524, Oil, Paint and Drug Reporter.

SALESMAN, 39, married, chemically trained, thorough experience selling fine and industrial chemicals to flavor, cosmetic and technical industries. Open for position with future. Right connection first consideration. Interviews solicited. BOX 525, Oil, Paint and Drug Reporter.

ORGANIC RESEARCH chemist (Columbia Ph. D.)—Recent work on heavy water. BOX 526, Oil, Paint and Drug Reporter.

CHEMICAL ENGINEER with especial work in heat transfer and teaching. BOX 527, Oil, Paint and Drug Reporter.

ANALYTICAL and organic research chemist with two years' research experience in aromatics. BOX 528, Oil, Paint and Drug Reporter.

REBUILT MACHINERY SELECTED ITEMS

20—Pebble Mills, including 6—50 gal. porcelain lined, 8—200 gal. burrstone lined, with roller bearings, 1—500 gal.
1—Stokes Rotary "DD" Tablet Machine.
5—Colton, Stokes & Mulford Tablet Machines, ¼″ to 2″ dia.
10—175 gal. Copper and Aluminum Steam Jacketed Kettles.
2—500 gal. Aluminum Jack. Agit. Kettles.
2—26″ Tolhurst Extractors, rubber lined baskets.
10—Dry Powder Mixers, 100 lbs. to 2,200 lbs. capacity.
1—Colton No. 10 worm type Paste Filler.
3—12x30 watercooled Roller Mills, one with roller bearings.
2—Day 11x32 w.c. chain drive Roller Mills.
5—Day Pony Mixers, 8, 15 and 40 gals.
8—Paste Mixers, 50 to 100 gals.
2—700 gal. Duriron Jack. Kettles, closed.
1—400 H.P. B. & W. Boiler, A.S.M.E. 200 lbs.
3—W. & P. Jack. Mixers, 100 gals., bentable sigma blades.
3—W. & P. Jack. Mixers, 200 gals., power tilting.
25—Filter Presses, 6″ to 42″ size.
1—J. P. Devine Double Drum Dryer, 4′x9′.

Miscellaneous: Dryers; Mixers; Fillers; Filters and Filter Presses; Kettles; Pulverizers; Mills; Grinders; Tanks; Pumps; Boilers; etc. Send for our Bulletins.

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Dividends Reported Since Last Publication

	Stock.	Class.	Amount.	Payable.	Of record.
American Can Co.	Com.	Q.	$1.00	Aug. 15	July 24
American Home Products Corp.	Com.	M.	10c.	Aug. 8	July 14
Archer-Daniels-Midland Co.	Pfd.	Q.	$1.75	Aug. 1	July 21
Atlas Powder Co.	Pfd.	Q.	$1.50	Aug. 1	July 20
Canadian Bronze Co.	Com.	Q.	25c.	Aug. 1	July 20
Canadian Bronze Co.	Pfd.	Q.	$1.25	Aug. 1	July 20
Dow Chemical Co.	NPV	..	60c.	Aug. 15	Aug. 1
Dow Chemical Co.	Pfd.	..	1¾%	Aug. 15	Aug. 1
General Foods Corp.	Com.	Q.	45c.	Aug. 15	July 24
Hecla Mining Co.	Com.	Q.	15c.	Aug. 15	July 15
Homestake Mining Co.	Com.	M.	$1.00	July 25	July 20
Homestake Mining Co.	Com.	Ext.	$2.00	July 25	July 20
Lone Star Gas Corp.	Com.	..	20c.	Aug. 15	July 15
Metal & Thermit Corp.	Com.	Q.	$1.00	Aug. 1	July 20
National Lead Co.	B pfd.	Q.	$1.50	Aug. 1	July 17
New Jersey Zinc Co.	.....	..	50c.	Aug. 10	July 20
Pacific Tin Corp.	Spl.	Q.	50c.	Aug. 1	July 17
Petroleum Investors, Inc.	.....	..	1c.	Aug. 1	July 15
Procter & Gamble Co.	.....	..	37½c.	Aug. 15	July 24
Procter & Gamble Co.	Com.	Ext.	37½c.	Aug. 15	July 24
Royal Dutch Corp.	N.Y. shares	..	$2.379	July 31	July 17
Sharp & Dohme Co.	A pfd.	Q.	87½c.	Aug. 1	July 17
Smith Agricultural Chemical Co.	Com.	Q.	12½c.	Aug. 1	July 20
Smith Agricultural Chemical Co.	Pfd.	Q.	$1.50	Aug. 1	July 20
Solvay American Investment Corp.	Pfd.	Q.	$1.37½	Aug. 15	July 15
Union Oil Co. (Cal.)	Com.	..	25c.	Aug. 10	July 20
Westland Oil Royalty Co.	Cl. A	M.	10c.	July 15	June 30
Wrigley (Wm.) jr. (Del.)	Com.	M.	25c.	Aug. 1	July 20

Corporation Earnings Recently Reported

		1936		1935	
	Period.	Net income.	Per share.	Net income.	Per share.
Callahan Zinc-Lead Co.	1935	*$86,885	...	*$46,551	...
Container Corp. of America	2d qr.	302,542	.46	224,335	.34
Dow Chemical Co.	Yr. 5-31	4,384,510	4.42	3,320,970	3.32
Flintkote Co.	1st qr.	35,299	...	.....	...
Fyr-Fyter Co.	6 mos.	22,347	†1.14	17,754	†1.08
Lehn & Fink Products Corp.	6 mos.	286,616	.72	94,496	.24
MacAndrews & Forbes Co.	6 mos.	402,064	1.13	438,668	1.25
Magma Copper Co.	6 mos.	755,227	1.85	407,088	1.00
Shell Union Oil Corp.	1935	6,812,835	.37	*949,111	...
Union Oil Co. (Cal.)	6 mos.	2,000,000	.46	2,950,000	.67
Walker (Hiram), Gooderham & Worts	3 mos.	1,339,129	1.85	913,004	1.21
White Rock Mineral Springs Co.	6 mos.	238,171	.76	234,416	.74

* Deficit. † Class A.

Abbott Laboratories Quintuples Its Stock

Stockholders of Abbott Laboratories, pharmaceutical and biological specialist, North Chicago, Ill., approved, July 14, an increase in the authorized capital stock to 1,000,000 no-par shares from 200,000 shares, and the issuance of two additional shares for each old share held of record July 21.

It was stated that for the first six months of this year sales showed a substantial gain over the like period of 1935 and that net earnings, after charges and Federal tax estimates, reflected a corresponding increase.

The company is opening two new branches in September, one at Boston and one at Havana, Cuba, and is considering also the establishment of branches in Buenos Aires and Rio de Janeiro.

Truck Freights for Dangerous Articles Published by A.T.A.

WASHINGTON, July 15, 1936.

The American Trucking Associations has published a tariff covering the shipment by motor-truck of explosives and other dangerous articles.

The tariff, which is in the nature of a classification of commodities, embodies the regulations of the Interstate Commerce Commission for packaging and handling truck shipments of dangerous articles, which were issued about a year ago. The rules follow closely those previously in existence for shipping dangerous articles by rail or water carrier. The new tariff is expected to be officially adopted by practically all motor carriers in the country.

At the same time, the trucking organization, joined by a number of explosives manufacturers, is attempting to get the commission to modify paragraph T-69 of its regulations which provides that no explosives may be transported in any form of trailer. The commission is asked to make this regulation apply only to the "dangerous" class of explosives, as it is contended that ordinary explosives may safely be handled in motor trailers and semi-trailers if properly packed.

Tungsten Development Is Planned in China

Plans are under way in China for the development of the rich tungsten deposits in Kiangsi, according to the Institute of Pacific Relations. These include the organization of a concern to refine tungsten ore for export.

In a collateral movement there has been organized a Kiangsi Wolfman Mining Bureau to inprove and systematize the tungsten trade. Provincial authorities are said to be negotiating with Wangtung officials for the joint operation of adjacent mines in the two provinces. As most of the tungsten mines throughout China are operated on a small scale and mainly through surface mining, the average depth being less than 100 feet, the development of large-scale mining by machinery is a logical and may soon be a necessary development.

Kiangsi's output accounts largely for China's foremost place in the world as a tungsten producer. Of a world total of about 14,000 tons in 1933 and 1934, China's share was some 6,000 tons, and most of this probably originated in Kiangsi, although accurate figures are not available. The provincial mining prospecting bureau estimates that in nine fields there is a deposit of some 465,000 tons.

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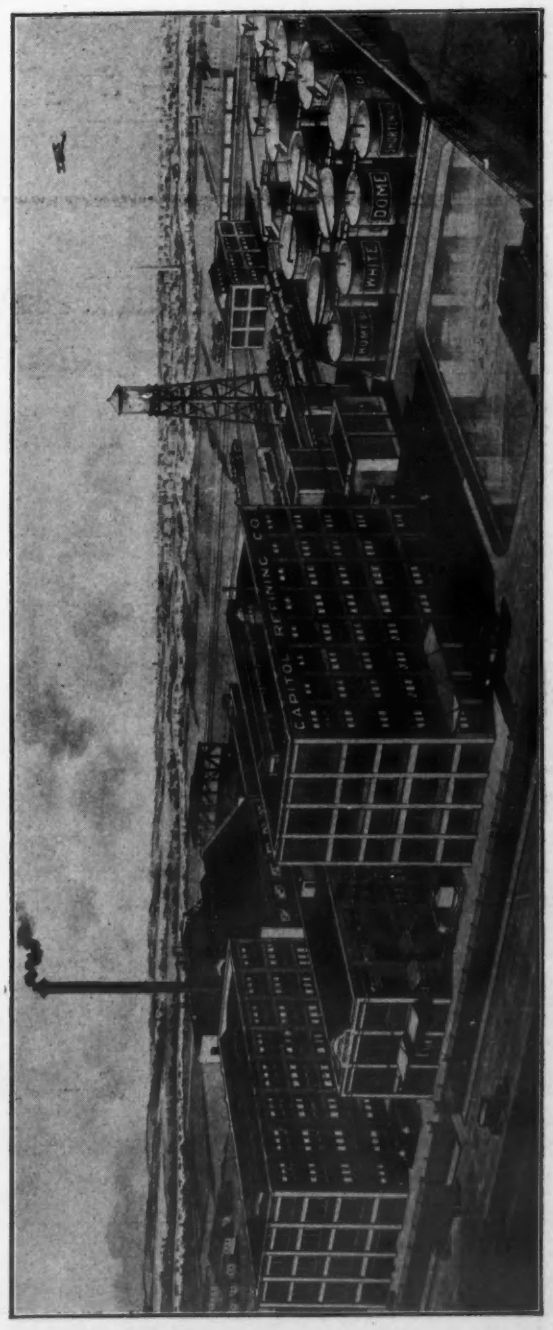

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